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No. 2572.

MAY 25, 1929.

Vol. CX.

Sell a British Tooth Paste every time !

The 'Allenburys' DENTAL CREAM

('ODONTASE')

The Formula is good ; the Cream
pleasant and efficient.

The selling price of 1/3 shows over
43 per cent. profit on turnover when
bought on best terms.

Usual Discount and Bonus of
3 tubes to the dozen.

**GIVE PREFERENCE TO
BRITISH MANUFACTURE.**



ALLEN & HANBURY LTD.

Bethnal Green, London, E.2

MORNY

SHAVING SOAP

IN A LARGER SIZE

ARTIFICIAL CLOUDED TORTOISESHELL BOWL $4\frac{1}{2}$ " Diameter

Minimum
Retail Price
in
Great Britain

5/6

Refills

4/-



These new Containers have added enormously to the popularity of Morny Shaving Soap.

Bowls and Covers are moulded from an odourless, non-inflammable, and practically unbreakable new material of a beautiful mottled mahogany-brown colour that retains its polish and fine appearance indefinitely.

Two sizes are now being issued—the smaller, $3\frac{1}{2}$ inches in diameter, and the larger—which holds six months' supply— $4\frac{1}{2}$ inches in diameter.

Refill tablets for both sized bowls are made.

Morny Shaving Soap itself is everywhere recognised as the highest quality Shaving Soap it is possible to manufacture at any price.

As a handsome but inexpensive Gift, and equally for ready sale throughout the year, Morny Shaving Soap in the new artificial Tortoiseshell Bowls will delight the retailer who takes pride in introducing superlative products to his customers.

Issued in the following perfumes :

“CHAMINADE” “JUNE ROSES” LAVENDER
“MYSTÉRIEUSE” VIOLETTE and “YESHA”

SUBJECT TO USUAL TERMS.

Apply for full Price List and Terms, etc.:-

MORNY FRÈRES **6** NEW BURLINGTON
LIMITED STREET, LONDON, W.1

21 and
still going
strong.

(With acknowledgments to Johnny Walker)



"THE WIGGLESWORTH WAY"

in its very early youth experienced terrific opposition to its policy of Window Displays with Pharmaceutical Packed Goods.

Carboys were more popular than show-cards—but persistency won.

Soon Chemists were asking for reservation of lines. Our non-clashing system enhanced the goodwill of our business enormously and is still an important part of our policy.

To-day, display-salesmanship is in every Pharmacy, and with it has come the wisdom—that nothing can be cheap that will not sell—that good quality deserves good advertising, and good advertising is wasted on an inferior product.

*If you share these views—
share our prosperity, too.*

ASK FOR A PRICE LIST FIRST.

**WIGGLESWORTH LTD
WESTHOUGHTON • LANCS.**

CHEMISTS' EXHIBITION, 1929

J. GROSSMITH & SON, Ltd.

cordially INVITE all their CHEMIST FRIENDS to visit their

STAND NO. 36

where a comprehensive range of their well-known productions will be displayed.

The vast distribution of "PHUL-NANA" and "SHEM-EL-NESSIM" bears ample testimony to the fact that

ORIENTAL PERFUMES

are still great public favourites.

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This fascinating, alluring and original series—Grossmith's latest production—recommends itself.

The remarkable success this has achieved during the last six months is sufficient to establish the confidence of all chemists and perfumers.

We ask our numerous customers not to fail to take advantage of our special window display Bonus Scheme.

A really excellent line with an exceptional MARGIN OF PROFIT.

OLD COTTAGE LAVENDER SERIES

The increasing Sales of which during the last few years has been remarkable, has been supplemented by several new additions.

The SOLID BRILLIANTINE—retailing at 1s.—although only recently introduced is already an established success.

The SHAVING STICK and SHAVING CREAM—also at 1s.—are likewise ready sellers.

All productions show a liberal MARGIN OF PROFIT which can be further augmented if advantage is taken of the WINDOW DISPLAY TERMS offered on a very reasonable parcel.

Those of our friends who are unable to visit the Exhibition are invited to communicate by post when the fullest particulars will be gladly provided.

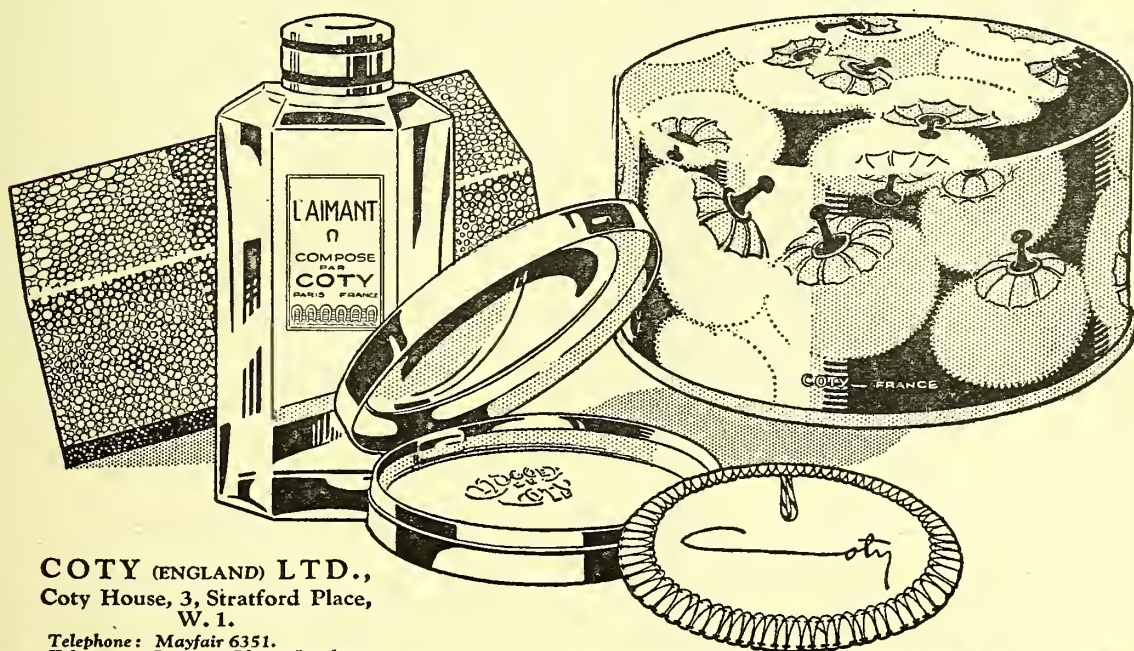
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Stock more Coty Show more Coty

PUT your faith in Coty and your reward will be greater sales. Coty quality is right. Coty prices are right. Don't experiment with new unknown toilet products. Concentrate on Coty—it practically sells itself.

COTY

The magic name with women



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Recommend

Sketolene

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Personal Protection

A few days' warmth—
And the gnats are on the wing—
Sending people scurrying to the
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SEE that they get Sketolene!
There is nothing so
good for Personal Protection
against insects. It keeps
them off, and keeps on keeping
them off, while its pleasant
perfume will please the
most fastidious.

And for the Pharmacist? There
is a liberal discount together with
bonus terms which give 62% on
outlay, while ample display matter
is available.

P.A.T.A. PRICES

	Per doz.
7½d. Pocket Flask	5/-
1/3 Small Size	10/-
2/- Medium Size	16/-
3/3 Large Size	26/-

BONUS

A bonus of 1 bottle
extra in each dozen on
orders for 2 dozen and
upward given on 1/3,
2/- and 3/3 sizes. NO
BONUS given on 7½d.
size, which is
packed in 1 dozen
display boxes strikingly
decorated in 3 colours.

*Send your order
to your usual wholesaler.*

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STAFFORD ALLEN & SONS LTD., COWPER ST.,
LONDON.

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and
the whole group of troubles
attributed to

**Relaxed Conditions
of the tissues.**

"ELASTO" is a scientifically prepared cell food—NOT A DRUG—and may be introduced with every confidence of extensive recommendation.

Recommend "ELASTO" for Varicose Veins, Ulcers, Eczema, Swollen Legs, Phlebitis, Thrombosis, Muscular Weakness, Bad Legs, Piles, Pro-lapsus, Varicocele, Hardened Arteries, Blood Pressure, Deficient Circulation and kindred ailments.

One size only (a month's treatment), 5/-; per doz., 45/- from your wholesaler.



*Gets
at the
Cause*

Prepared in the Laboratories of
THE NEW ERA TREATMENT CO.
CECIL HOUSE, HOLBORN VIADUCT,
LONDON, E.C.

Full particulars, Showcards, and Leaflets on request.

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SELLING PRICES:

"Pocket"	3/6
"Shingle"	4/9

—two small dainty brushes for occasional use during the day. Other full size brushes for Home use are:

"Universal"	5/9
"Junior"	7/6
"Popular"	10/6
"Small Standard"	12/6
"Standard"	15/0
"Extra"	18/6

All subject to generous discounts. Supplies can be obtained from your usual Wholesaler.

MASON PEARSON SELLING AGENCY, LTD., 59 NEW OXFORD ST., LONDON, W.C.1

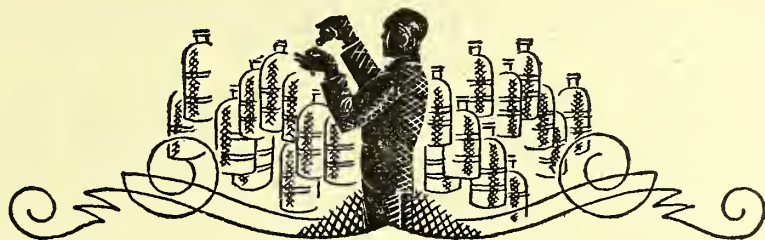


TO SUGGEST A NEED IS TO CREATE A DEMAND!

Show your customers the "MASON PEARSON" Hair Brush and it will sell at once on its value and its merits. This famous hair-brush sets the highest standard of brush quality yet attained, and has for forty years maintained its world-wide reputation for preserving the beauty and promoting the good condition of the hair.

The range of models and colours enables you to recommend the "MASON PEARSON" for every hair-brushing need, and for every individual taste.

MASON PEARSON
HAIR-BRUSH



Drugs Don't Make the Medicine

IF THEY DID there would be no science of Pharmacy, there would be no art of Dispensing. But it is scientific knowledge and strict pharmaceutical training that combine to maintain the high standard of British Dispensing.

It is just so in the making of Surgical dressings, and even more so in the medicating of them.

Anybody can dip a piece of lint in Boracic lotion. But many able men have found that when this is done they have not really made Boric Lint—not as Vernon's make it.

Behind the high quality of Vernon's Boric Lint lie years of careful experiment and manufacturing experience. Their system of medication, which charges the warp and woof of the cloth with antiseptic efficiency while its original softness is retained, makes their Boric Lint the standard of makers and the choice of discriminating buyers.

Ask your Wholesalers for Vernon's Boric Lint. Although the quality is so good, the prices are thoroughly competitive. And the interests of your own business require that you supply the best.

Vernon & Company Ltd

*Manufacturers, Bleachers & Medicators
of Surgical Dressings*

PENWORTHAM MILLS, PRESTON, LANCS

£1 of ROBOLEINE

FOR a fortnight's window display and a £5 order (made up in any sizes), we will send you an additional supply of Roboleine to the value of 20/- absolutely free. Samples and literature for your counter and display material for your window will also be included without charge.

Take advantage of this special offer now, in time for the steadily increasing Summer trade. The great advertising campaign has pushed Roboleine off the phar-

FREE

macy shelves faster than ever before in Winter and Spring. It will continue throughout the Summer, putting more and more Roboleine profits in your till.

Write now, send us a card, and get a free stock of the product that Doctors have recommended and the public have used increasingly for the past 22 years.

Roboleine

CONCENTRATED NOURISHMENT
IN EVERY SPOONFUL

OPPENHEIMER, SON & CO., LTD.

179, Queen Victoria Street, London, E.C.4

21ST BIRTHDAY

Mess^{rs} Milner & Coke Ltd
formerly
The Greenwich Lemonade Co

have pleasure in announcing
a Special Bonus offer to
commemorate the occasion of
the twenty-first Birthday of
Greenwich Lemonade

SPECIAL BONUS PARCEL

Extended until May 31st.

6 doz. 2½d. Greenwich	s. d.
Lemonade @ 1/8	10 0
3 " 4½d. "	3/0 9 0
½ " 8½d. "	5/8 1 10
(Less 2½% for C.W.O.)	£1 0 10

P.A.T.A.

1 doz. 6d. Coke's Dog Shampoo
Powders or 1 doz. 4½d. Greenwich
Lemonade.

Free in payment for Display.
Your Profit — Over 45% on
Turnover.

2½d. packet makes one gallon.
4½d. " " two gallons.
8½d. " " four gallons.

*Now Sugar is cheaper, Greenwich
Lemonade is regaining its pre-War
popularity.*

*It will pay you to show and push
Greenwich Lemonade.*

Milner & Coke, Ltd.

Incorporating The Greenwich Lemonade Co.
John Penn Street, London,
S.E.13.

Do you sell THE TOOTHPASTE THAT CONTAINS NO SOAP, NO GRIT, NO DRUGS?

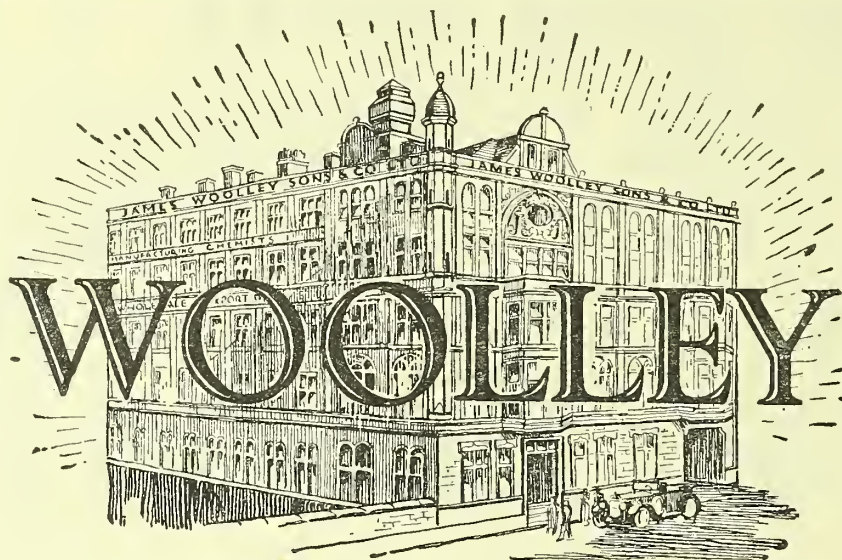
"NEW MIX" is the only Tooth Paste that can make this claim—a claim that has been established by laboratory analysis many times. No Soap, No Grit, No Drugs, are strong selling features of "NEW MIX."

"NEW MIX" does not need these things, and yet it is far more efficient as a cleanser and protector than any other tooth paste or powder. It is composed of fruit juices and polishing substances each kept in a separate compartment "to mix on the brush."

**BRITISH
MADE**



GILMONT PRODUCTS LTD.
Willing Building
356-364 Gray's Inn Road
LONDON, W.C.



for
complete
satisfaction
in every department

GALENICALS DRUGS SUNDRIES
PROPRIETARY ARTICLES
PHOTOGRAPHIC GOODS

Efficient Service
Prompt Delivery

JAMES WOOLLEY SONS & CO. LTD.
VICTORIA BRIDGE, MANCHESTER

Maw's Page

How many "Meritor" Hair Brushes

can you sell this holiday season? How many "Meritor" hair brushes will you sell after this holiday season when their sterling qualities have been brought home to your customers and repeat orders ensue?

Make this holiday season the means of establishing a hair brush business which cannot be taken from you. Make it a "Meritor" season through and through. Display a range of "Meritor" hair brushes in long-handled, military and bobbed and shingled patterns. Show "Meritor" hair brushes in a variety of fillings, so that every customer sees a brush to suit his or her individual taste. Display the "Meritor" guarantee prominently. Let it convince the wavering customer. Speak well of "Meritor" brushes. Recommend them as British-made brushes made by a London firm jealous of its reputation.

*Remember that "Meritor" hair brushes sales
will influence the sales of a complete series
of toilet brushes made specially for you.*

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.



ONE OF THE BIGGEST SELLERS AND
BEST PROFIT MAKERS OF THE YEAR

'MOTHAKS'

Regd.

(MOTH KILLERS)

There is a tremendous demand for 'Mothaks.' Do not miss your share of the trade. 'Mothaks' sell at sight.



Showing the individual packages of 'Mothaks' and the display outers of 3 doz. in which they are packed.

THE
WINDOW
DISPLAY
SHOWN
BELOW
SOLD OVER
1,800 Bags
OF
'MOTHAKS'
IN 2 WEEKS.



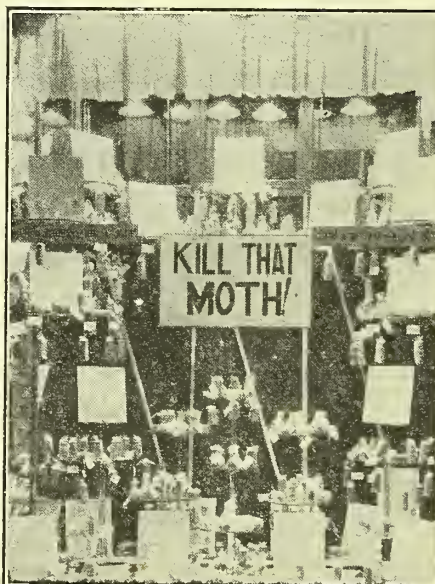
PRICE OF 'MOTHAKS'

Minimum Retail Selling Price	6d.
per bag of eight	
Wholesale Price	4/-
per dozen	
Ditto	24/-
six dozen carr. paid	
Ditto up to 2 gross	48/-
per gross carr. paid	
Ditto 2 gross and over	45/-
per gross carr. paid	

Big Bonus For Special Window Display

SHOWCARDS FREE

1 dozen 6d. bags of 'Mothaks' FREE with one gross. OUTLAY 48/-, SELL FOR 78/-, PROFIT 30/-. 3 dozen 6d. bags of 'Mothaks' FREE with two gross. OUTLAY 90/-, SELL FOR 162/-, PROFIT 72/-.



'MOTHAK'
all complete
and ready for
hanging up.

Sole Makers :

THOMPSON & CAPPER WHOLESALE LTD.
MANESTY BUILDINGS, COLLEGE LANE, LIVERPOOL



“LIVERPOOL VIRUS” PAYS THE RENT!

See that you have good stocks of Liverpool Virus to meet the demand which will quickly follow the advertising campaign just launched. 12,000,000 readers of the National and Provincial press will read of Virus each week. The sale of LIVERPOOL VIRUS gives little trouble and a big profit. Let Liverpool Virus “pay YOUR rent.”

EVANS SONS LESCHER & WEBB LTD.

Kylos **STEREO PRISM BINOCULARS**

REGISTERED
TRADE MARK.

The Finest for all Purposes.

No. 0241.

8×25 Model

Field of view at 1,000 yds. 110 yds. A splendid Binocular for general purposes. Quality of lenses and general finish are really excellent.

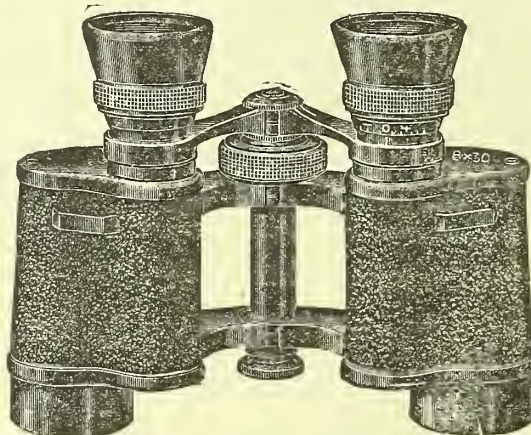
All adjustments work with unique smoothness

No. 0243.

8×32 Model

This model having 32 m/m object glasses, has a maximum light gathering capacity and gives a splendid field of view.

First-Class Lenses are used throughout



All Binoculars are supplied in Brown Leather Sling Cases

No. 0242.

8×25 Model

This is a similar model to No. 0241, but having extra large eyepiece lenses giving larger field and greater light gathering capacity.

Beautifully finished bodies

No. 0244.

8×32 Model

This is similar to No. 0243, but having extra large eyepiece lenses giving larger field and greater light gathering capacity.

See the Name



on each Binocular

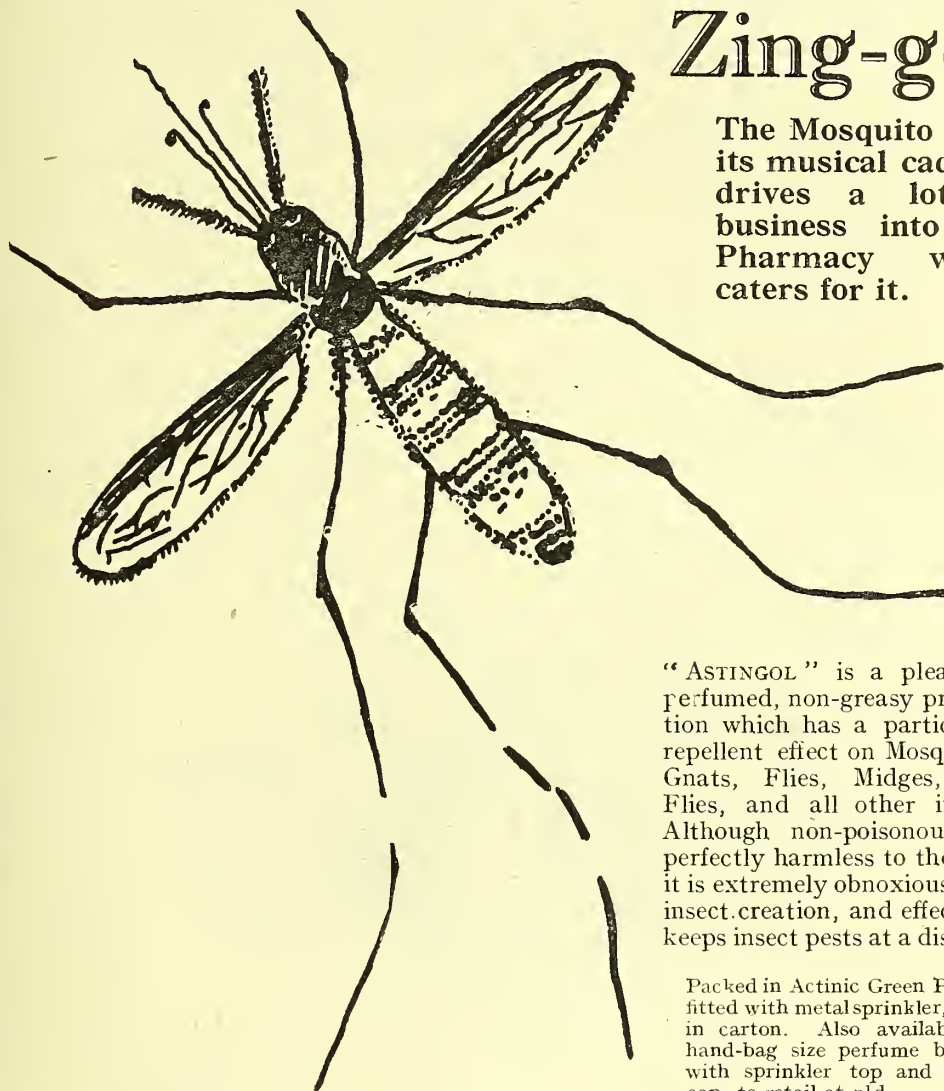
Full descriptive leaflet and trade terms on application to

The General Optical Company

(E. T. CORNWELL, F. W. CORNWELL)

120 CLERKENWELL ROAD

LONDON, E.C.1



Zing-g-g

The Mosquito with its musical cadence drives a lot of business into the Pharmacy which caters for it.

"ASTINGOL" is a pleasantly perfumed, non-greasy preparation which has a particularly repellent effect on Mosquitoes, Gnats, Flies, Midges, Sand Flies, and all other insects. Although non-poisonous and perfectly harmless to the user, it is extremely obnoxious to all insect creation, and effectively keeps insect pests at a distance.

Packed in Actinic Green Panels fitted with metal sprinkler, each in carton. Also available in hand-bag size perfume bottle, with sprinkler top and dome cap, to retail at 7½d.

"ASTINGOL"

A protecting personal perfume for all who engage in outdoor pursuits—tennis, golf, motoring, boating, seaside, etc.

LARGE SIZE. Showcards with all orders - - Per doz. 7/-
HAND-BAG SIZE. Retail 7½d. Showcards with all orders ,, 4/6

AYRTON, SAUNDERS & CO., Ltd.
34 Hanover Street LIVERPOOL, Eng.

Every week, day in and day out, 'Moorland's' sell with unfailing regularity. They are bought in every town & village throughout the land. Your customers know they are the best



Make a good display of

"MOORLAND'S"

and prove their superiority

An exceptionally good supply of showmatter is sent with every order which enables you to make a most attractive display.

W. B. Cartwright Ltd. Rawdon near Leeds



"SALTEX"

THE Liver Salt for the Pharmacy

Six good reasons for taking

"SALTEX"

A tired body
A dull mind
A coated tongue
Impure blood
Indigestion
Constipation

Six good reasons for selling

"SALTEX"

Good value to the public
Good profit to the Chemist
Medicinally effective and reliable
Distinctive preparation and pack
No grocery competition
Bonus for display

There are six signs of a sluggish liver. "Saltext" is equally good for sluggish business. Try the effect of a display now. The outlay is small and the return considerable. Specimen tin and full particulars of the bonus terms on request.

SIGNS
OF A
SLUGGISH
LIVER

*A Tired Body
A Dull Mind
A Coated Tongue
Impure Blood
Indigestion
Constipation*

Six Good Reasons for Taking

SALTEX
BEST FOR THE
LIVER

9^D PER TIN

1/4 FAMILY SIZE

Buy a tin Today

SALTEX Liver Salt

Makes Life Worth Living

Large 1/4 Size

Buy a tin Today

SALTEX Liver Salt

Makes Life Worth Living

Per 9^D Tin

THOMAS KERFOOT & CO LTD
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

D 147

COPYRIGHT

SEE THAT YOU GET MYSORE GOVERNMENT SANDALWOOD OIL

DISTILLED FROM SANTALUM ALBUM, LINN.

THIS IS YOUR  GUARANTEE

Send all enquiries to :

Telegrams :

"Ekdam," Phone,
London.

K. B. MAVLANKAR
98 Great Tower St., E.C.3

Telephone :
Royal 4987

NEROLI & ORANGE FLOWER PRODUCTS

Our complete range of Artificials will allow a cheap replacement in many formulas, which will become necessary owing to the advance in price of the naturals, due to the severe weather having had disastrous effects on the trees.

NEROLI SUPREME

NEROLI. K.

NEROLI. R.

NEROLI SUPERIOR

NEROLI EXTRA

NEROLI. S.

ORANGE BLOSSOMS 1244

ORANGE BLOSSOMS 1247

AURANOL FLORA (Orange blossoms novelty)

FLEURANGEOLE 1396 } New bases for

FLEURANGEOL S 1397 } Orange Blossoms.

A range of Samples and Prices on application. *

CHAS. ZIMMERMANN & CO. (Chemicals), LTD.
St. Mary-at-Hill, London, E.C.3.



**MAGNUS,
MABEE & REYNARD
INC.**

AMERICAN ESSENTIAL OILS

BAY	SPRUCE
CEDARLEAF	TANSY
CEDARWOOD	ERIGERON
PEPPERMINT	SPEARMINT
PETITGRAIN	WORMSEED

BALSAMS

ADDRESS:

MAIN SALES OFFICES
32 CLIFF STREET, NEW YORK, U.S.A.

Sole Selling Agents for the British Isles—

OLD STRAND CHEMICAL & DRUG CO., Ltd.
41 Great Tower St. (22 Beer Lane), LONDON, E.C.3
Telephone : Royal 8737 (2 lines).

The World's leading Beauty Experts recommend PALMOLIVE SOAP

—in the biggest advertising campaign ever put behind a toilet soap.

THIS big nation-wide campaign is planned to send new customers to you. We are spending this money so that you can sell more and more Palmolive Soap. And remember—Palmolive gives you a larger profit than any other toilet soap on the market.

We ask for your co-operation—so that you will reap the benefit of this unprecedented sales-push. Every tablet of Palmolive sold *must* pass over a retailer's counter—yours or someone else's.

To link up with our advertising, we have prepared some special Window and Counter Display material—gladly sent to you free on request.

The total number of impressions of Palmolive advertisements will reach the amazing figure of 145,734,340. This means that every family in the British Isles will have seen a Palmolive advertisement at least 10 times during the first 3 months of this nation-wide campaign.

Show Palmolive in your Window—on your counter. The advertising will do the rest for you.



PALMOLIVE



DO YOU STOCK
THE FOLLOWING
"QUICK SELLERS"?

- "HARLENE" for the Hair
- "CREMEX" Shampoo Powders
- "UZON" Brilliantine
- "ASTOL" for Grey Hair
- "JUNOFLORIS" SPRING BREATH TABLETS
- "JUNOFLORIS" Dentifrice
- "ASTINE" Vanishing Cream
- "ASTINE" Tooth Cream
- "ASTINE" Shaving Stick
- "ASTINE" Nail Cream
- "HARLENE" Hair Fixative
(For Gentlemen)
- "HARLENE" Wave Setting Lotion

Always In Full "Sale"!

EDWARDS'

HARLENE TOILET PREPARATIONS

There is never a lull in the "Trade Wind" that keeps these World-Famous Toilet Preparations in full "Sale." The Excellence of the Products themselves, coupled with the Extensive and Continuous Advertising Campaign, keeps the "Trade Wind" always at full strength.

Thousands of new customers are introduced *every* week!

No Chemist or Store can afford to be without these World's Record Sellers!



For Full Particulars, Terms, etc., write to:—

EDWARDS' HARLENE LTD.

20, 22, 24 & 26 LAMB'S CONDUIT STREET, LONDON, W.C.1

BOURJOIS'

LONDON

& PARIS

SUPER-QUALITY

"365 DAY"

SHAVING STICK



The combination of quantity with Bourjois' quality has made this important new line an immediate and amazing success. Such exceptional value will create a lasting demand.

ORDER NOW!

HOW TO ORDER.

Catalogue No. 2776.

66/- per gross (min. quantity 3 dozen.)

60/- " (for quantities of 5 grs & upwards)

This Counter Display Outer with every 3 dozen.



A. BOURJOIS ET CIE., LTD., 4, WATER LANE, BLACKFRIARS, E.C.4.

PARIS

NEW YORK

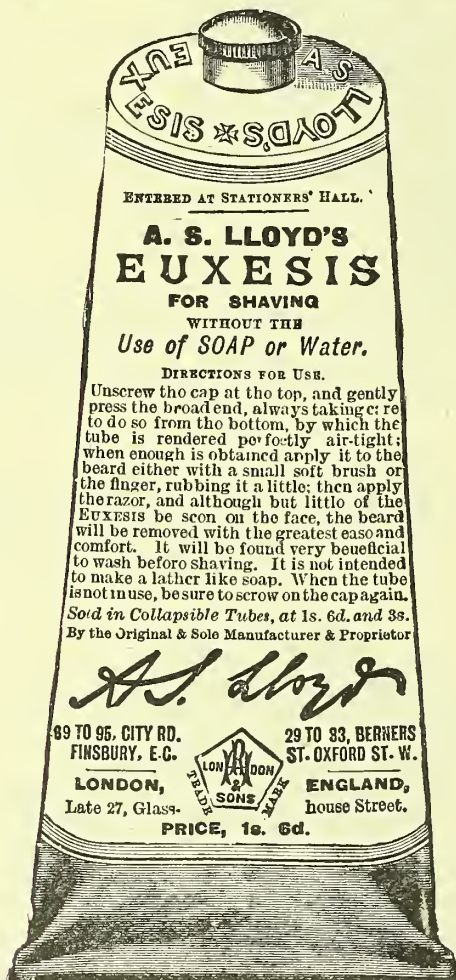
SYDNEY

WELLINGTON

A. S. LLOYD'S EUXESIS

(THE GENUINE).

For Shaving without Soap, Water, or Brush.



**Sold by all Perfumers and Chemists
throughout the world.**

R. HOVENDEN & SONS having purchased, under an administration suit, the business of the late A. S. LLOYD, with the Receipt, Trade-Mark, and Goodwill of the celebrated Euxesis, the Trade are cautioned that the original and genuine Euxesis is now manufactured at our Factory ONLY and may be obtained at either of our Warehouses.

PRICES ON APPLICATION.

NOTICE.—THE GENUINE A. S. LLOYD'S EUXESIS bears a label printed in **BLACK** only on a Yellow ground, with our Trade Mark at the bottom, as Illustration.

Proprietors: **R. HOVENDEN & SONS, LTD.**
LONDON: 29-33 Berners Street, W.1; and 89-95 City Road, E.C.1.

Sunshine Remedies

including the now famous

**ANTI-ACID TABLETS
"TOXINICON"**

for Rheumatic diseases

**GOLDEN-RAY
SHAVING SOAP**

the only soap with an Antiseptic Vaseline centre.

**SOLEIL D'OR PERFUME
AND TOILET PREPARATIONS**

WRITE FOR DESCRIPTIVE BOOKLET

Sunshine Remedies Ltd.

8 West Halkin Street, S.W.1

Telephone: Sloane 4133.

LONDON CHEMISTS ARE INVITED TO SEND
THEIR "SUNRAY" PATIENTS TO OUR PRIVATE
ROOMS. TRAINED STAFF IN ATTENDANCE.

Write for particulars

For 136 years

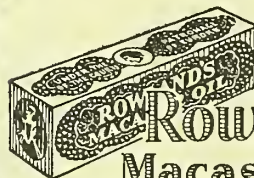
Rowland's Macassar Oil has been a favourite dressing for the hair. It keeps the hair healthy, and prevents the encroachment of greyness and baldness.

Of all Wholesalers.

RETAIL

3/6, 7/- & 10/6

P.A.T.A.



**Rowland's
Macassar Oil**

Red for dark hair
Golden for fair or grey hair

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1

MORGAN'S POMADE

A genuine preparation which performs all that it claims—namely, to restore grey and faded hair to its original colour, to strengthen the hair against further danger of becoming dry and thin, to remove and prevent the recurrence of scurf and all unhealthy conditions of the scalp.

Thirty-five years' solid reputation. On the list of the P.A.T.A.

Retail 1/9 per pot; 3/3 per pot.

Wholesale 14/- per doz.; 26/- per doz.

1-lb. jars for Saloon use at 6/3 per jar.

Obtainable from all the leading Wholesale Houses, or direct—
THE MARIE ANTOINETTE CO. 149 JUNCTION ROAD
LONDON, E.C.1

MASQUE ROUGE

parfum
(red mask)

The Face Powder
of distinction

m g
Paris

An order for 3 dozen Masque Rouge Face Powders costs £3; we send 3½ dozen, and three dozen (free) large tubes of Creme de Beaute. Selling price £5 5s. 0d.

CUSTOMERS' SPECIAL OFFER

FOR A LIMITED PERIOD

A Tube of Creme de Beaute FREE to each customer purchasing Masque Rouge Toiletries.

Attractive advertising matter gladly sent on application.

14 to the dozen for a limited period

We offer 14 to the dozen, on which your profit is 45% on the selling price.

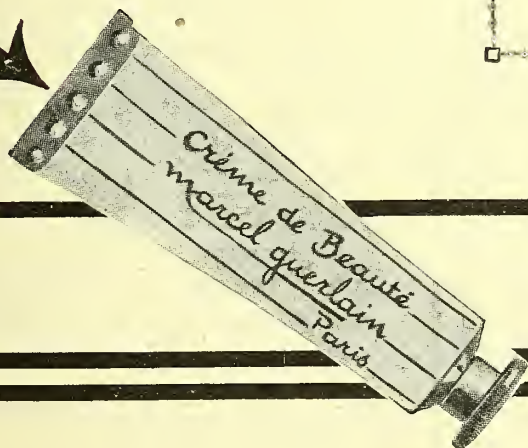
YOUR OPPORTUNITY

To retail a fascinating face powder which will be sure to bring repeat orders; at the same time introducing the full Masque Rouge series of toilettries — the fashionable vogue of Paris.

Note our special free offer to customers.

PARFUMS
MARCEL GUERLAIN, LTD.

Regent Arcade House
252-260 REGENT STREET
LONDON
W.1



DEARBORN (1923) LTD.

37 Gray's Inn Road, London, W.C.1

Telephone : HOLBORN 9669

Toilet Specialties.

	Price per doz. to Retailer	Selling Price P.A.T.A.
PILENTA SOAP	10/-	1/-
A complexion soap.		
PROLACTUM	10/-	1/-
For the lips.		
PARSIDIUM JELLY	10/-	1/-
For wrinkles.		
ALLACITE OF ORANGE BLOSSOM	22/6	2/6
A dressing cream.		
BORANIUM	22/6	2/6
A hair tonic.		
CLEMINITE	22/6	2/5
For a face lotion.		
COLLIANDUM (Powder & Solide.)	22/6	2/6
For a face tint.		
PERGOL	22/6	2/6
A deodorant.		
TEKKO PASTE	22/6	2/6
Camphor cream.		
STALLAX	13/6	1/6
For a shampoo.		
JETTALINE	22/6	2/6
For clearing the skin.		
PHEMINOL	31/6	3/6
A depilatory.		
MENNALINE	36/-	4/-
For the eyelashes.		
MERCOLIZED WAX	18/-	2/-
A face cream.		
STYMOL	31/6	3/6
For oily complexions and blackheads.		
SILMERINE	36/-	4/-
Hair-curling fluid.		
BARSYDE	22/6	2/6
Dandruff eradicant.		
TAMMALITE	22/6	2/6
For grey and faded hair.		
LIQUID PERGOL	31/6	3/6
To check excessive perspiration locally.		
BICROLIUM	22/6	2/6
For whitening the hands.		
COCONOIDS	31/6	3/6
For figure development.		
SIPOLITE	18/-	2/-
A new depilatory.		

The Products of

Messrs. PARKER, BELMONT & CO.

CLYNOL BERRIES	36/-	4/-
For obesity.		
SOFT PALERIUM	45/-	5/-
For wrinkles.		
LIQUID NAIL POLISH	10/-	1/-
Brilliant and lasting.		

Stocked by ALL Wholesale Houses.

FOREIGN AND COLONIAL DEPÔTS AND AGENCIES.

South Africa: LENNON, LTD., Cape Town, etc.
SIVE BROS., & KARNOVSKY, LTD.,
India: FRAMJEE & SON, Bombay. Johannesburg.
A. L. CHOUDRY, Calcutta.
New Zealand: SHARLAND & CO., Auckland and Wellington.
Denmark: KARL SCHULTZ & CO., Copenhagen.
Irish Free State: MAY, ROBERTS & CO., LTD., Dublin.



Out of stock means out of POCKET!

Tell a customer you are out of stock of ANZORA and you lose a sale—offer him a substitute and you lose a customer! No man who has used Anzora will believe there is anything so good. He *knows* there isn't. Therefore, not to be out of pocket, never be out of stock.

TRADE TERMS

12/- doz. Retail at 18/-
20/- „ „ 30/-

A supply of Attractive Show-cards and Cutouts for Window Display sent post free.



ANZORA

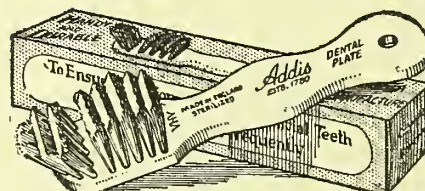
Masters the Hair!

Anzora Cream for greasy scalps will not soil hat linings or pillows. Anzora Viola for dry scalps contains a little oil of violets.

If unobtainable from your wholesaler, write direct to—
ANZORA PERFUMERY CO. LTD., London, N.W.6

Addis
ESTB 1780

WINGED DENTAL PLATE



**BRUSH WORKS, HERTFORD
ENGLAND.**

HAIR

The British-Made
Hair Clipper.

BURMAN CLIPPERS



For SURGICAL
and VETERINARY
PURPOSES.

Dainty Shingling
Clippers for
Ladies' use.

HAIRDRESSERS' CLIPPERS

BURMAN & Sons, Ltd., BIRMINGHAM

Perhaps you did not notice our Special Offer

in THE CHEMIST & DRUGGIST, of April 27th, as it was in small type. HERE IT IS AGAIN LARGE AND CLEAR.

You Chemists know a good Soap, but of course you have got to SEE it and HANDLE it and USE it before you can tell its quality. A PERSONAL EXPERIENCE IS THE BEST EVIDENCE.

The proof o' the puddin's the preein' o't

Now, to enable you to judge for yourselves that the claims we make, that these Soaps are superior to all others, are Truthful Claims, we will send you FREE ON REQUEST one Tablet Toilet Soap and one Stick Shaving Soap for your own personal use.

We know you will then be able to recommend these Soaps to your clients with every confidence. But write at once—THIS OFFER IS OPEN ONLY UNTIL JUNE 8TH.

The Soap with the Coming World Demand

H.B.T. ASEPTIC TOILET SOAP - 9d.

Box of 3 Tablets 2/3

H.B.T. ASEPTIC SHAVING SOAP - 1/-

These Soaps can be obtained through any Wholesale House or direct from—

HUNTER BEATTIE, 25 Monteith Row, Glasgow, S.E.

Note the British Commercial Monomark on each Tablet—B.C.M./H.B.T.



Here is your last opportunity to secure a dozen 6d. Amami Shampoos FREE. Our offer closes definitely after we have dealt with replies to this final announcement. The only condition attached to the gift—an Amami Window Display—is made in order that Retailers may take full advantage of our Public Gift Scheme which is sending up Amami sales to record figures. Don't miss this last opportunity to do yourself a good turn. Send in your Bonus order TO-DAY.

THE FREE AMAMI ASSORTMENT CONTAINS 3 No. 7, 2 No. 8, 2 No. 9, 1 No. 10, 2 No. 1, 2 No. 5.

Order Now from your usual wholesaler. If any difficulty in obtaining, send your order direct to Prichard & Constance (Mfg.) Ltd., 11, Broad St., London, W.C.2.

6doz. 6d. No. 1
6doz. 6d. No. 5
for 54/-

less 10% one month
CARRIAGE PAID
This assortment cannot be
varied to meet individual
requirements.

AMAMI

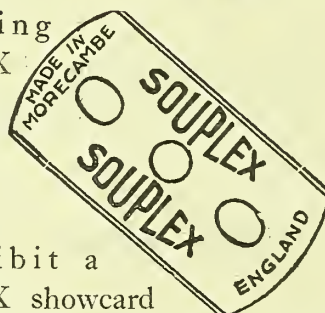
BONUS OFFER

ORDERS MUST BE RECEIVED BY
MAY 31st.

EVERY
CHEMIST
WILL
BENEFIT



by selling
SOUPLEX
Safety
Razor
Blades.



To exhibit a
SOUPLEX showcard
means quick sales and good profits.

SOUPLEX BLADES are renowned for the comfort with which they shave, their lasting keenness and remarkably low price.

Place your order TO-DAY with your usual Wholesaler, and be sure to ask for showcards to be sent with your supply.

SOUPLEX

FIVE
for
1/3
YOUR
PROFIT
5d.

SOUPLEX
LIMITED
MORECAMBE

TEN
for
2/6
YOUR
PROFIT
10d.

Time is slipping by

**THE
HALEX
BONUS OFFER
CLOSES**

**MAY
31ST**

On May 31st the Halex Bonus Offer ends. After that date all orders received will be subject to the usual terms. But—*until then*—you get a bonus of **SIX FREE HALEX BRUSHES** on every 3 dozen you order.

These **FREE BRUSHES** sell for 8/3. Instead of the usual profit of 18/9, in the Bonus Terms you make 27/- on every 3 dozen Halex Brushes you buy—or an average profit of **NINEPENCE** per brush!

In making this offer there is only one condition we make, and that is that you show the Halex Window Display in your window, or on your counter, for a fortnight commencing not later than May 31st.

The second big Halex Advertising campaign starts in June. Buy your Halex Brushes **NOW**—on the Bonus Terms—and make 44% more profit on your *future* toothbrush sales!

THE WINDOW DISPLAY is supplied—**FREE**—with all initial orders on Bonus Terms for 3 dozen or more Halex Brushes. 17" wide by 17" high—neat, compact, yet highly effective—it is designed to help you sell more Halex at a time when you make 44% more profit on every Halex brush you sell.



SEND IN THIS ORDER FORM TO-DAY
To your usual Wholesaler :—

Please supply me with (a) dozen Halex Toothbrushes, together with the free Display Material and Bonus Brushes, in consideration of my exhibiting the Halex Window Display for a fortnight, commencing not later than May 31st.
(b) The Halex Showcase (If required, the Halex Showcase is included **FREE**, in addition to the Halex Window Display, with first orders on bonus terms for a minimum of 4-dozen Halex Brushes).

Name

Address



**SIX
FREE BRUSHES
WITH EVERY
3 doz. ORDERED**

THE BRITISH XYLONITE CO. LTD.
HALE END, LONDON, E.4



Watersprite FACE CLOTHS

MADE IN ENGLAND

THE NEW KNITTED FACE CLOTHS.

SIX EXQUISITE STYLES.

Size 12×11½ ins.

FRESH AS THE DEW.

IN SHOW CARTONS OF 2 DOZEN.

WHITE, with Coloured Borders. doz.

G220. Overlocked, Assorted Colours - 4/-

G221. Overlocked, Assorted Colours, and cross-stitched - 4/6

G222. Shell-stitched, Assorted Colours 5/3

G223. Shell-stitched, Assorted Colours, and cross-stitched - 5/9

COLOURED, with Coloured Borders.

G224. Overlocked, Assorted Colours, and cross-stitched - 5/6

G225. Shell-stitched, Assorted Colours, and cross-stitched - 6/-

Special Assortment:

G226. Cartons containing 4 each of above 6 No's. - per carton 10/6

G227. Cartons containing 6 each of G220, G222, G223 and G224 per carton 10/3

Manufactured only by

SOLPORT BROTHERS, LTD., 184 to 190 Goswell Road, London, E.C.1.

AND OBTAINABLE THROUGH ALL WHOLESALE HOUSES.

Established 1890.

**TILBURY "Fort"
Dental Plate Brush**



W. R. TILBURY & SON

47 FRAMPTON PARK ROAD, HACKNEY, LONDON - - - ENGLAND

**"ODENTIC"
PLATE
BRUSH**

Regd. No. 417637.

From all
Wholesalers.

Packed in ½-dozen Display Boxes.

Manufacturers:

W. R. Speer & Son (EST. 100 YEARS)
215 DALSTON LANE - - LONDON, E.8

Agent for S. Africa—C. GORDON DAVIES & CO.,
National Bank Buildings, Pritchard Street, Johannesburg.

Telephone: Axminster 5.

Telegrams: "Coate, Axminster."

COATE & CO. (Axminster) Ltd.

The London Brush Works, Axminster, Devon.

Estab. 1847.

Manufacturers of Super British Brushes

Our Special "PROPHYLACTIC" Tooth Brushes—

3 row Hard, Medium, Soft, Yellow Hair @ ...	...	...	...	16/- per dozen
4 " " " " " " " " " " " "	...	...	...	18/- " "

Orders for one gross supplied in Cartons with customer's name and address free.
Every Brush Guaranteed. British made by British Labour. Send for our present list of prices.

"Eclipse"



SAFETY RAZOR BLADES

BONUS DISPLAY SCHEME

Have you noticed how your sales increase when you carry out an effective Window Display of a product which is extensively advertised?

In consideration of your displaying to advantage "Eclipse" Show Matter, the Manufacturers will send with your order a free Bonus as follows:—

**5
FOR
1/8**

On orders of 1 or 2 boxes, a Bonus of 10% of "Eclipse" Blades.

On orders of 3 boxes or more, a Bonus of 20% of "Eclipse" Blades.

**10
FOR
3/4**

A liberal supply of attractive Show Material will be forwarded direct, and if desired, a quantity of leaflets imprinted with your name and address.

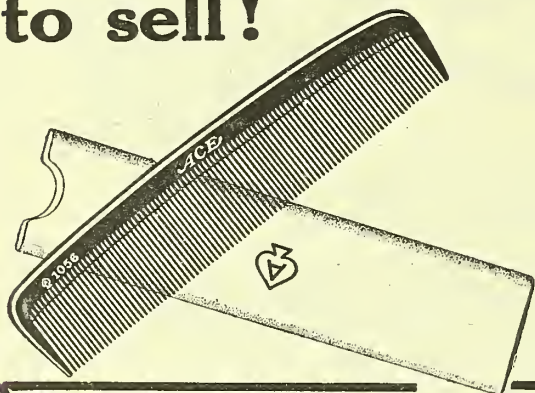
Send your order to your usual Wholesaler or direct to the makers, and take part in this profitable Scheme without delay.

ONE BOX	of 100 BLADES @ £1 13 4 less 33½% will cost £1 2 3 per Box
5 BOXES each of 100 BLADES @ £1 13 4 less 35% will cost £1 1 8 per Box	
10 BOXES each of 100 BLADES @ £1 13 4 less 37½% will cost £1 0 10 per Box	

JAMES NEILL & CO. (Sheffield) LTD., Steel Manufacturers, SHEFFIELD.

CHEMISTS!

Here's a Comb you'll be proud to sell!



THE day of the cheap, gaudy comb is passing fast! Inevitably the Public is coming to choose their combs with greater care and with more concern for hygiene. Take advantage of this trend in public opinion—stock ACE Combs.

When you examine one, you will be proud to sell ACE Combs. You will know that each one you sell will enhance your reputation. For ACE Combs are meticulously, proudly made. Note how evenly the teeth are spaced—how each one is carefully rounded. Feel how strong the comb is—yet how flexible!

ACE Combs sell on sight. With your first order we supply an ingenious showcase free. The range of seven combs is displayed on the front and the stock of seven dozen in drawers behind. These come to you at 6½d. each, and 45/6 the lot, less 5% discount for cash. Order your case to-day.

ACE COMBS

Hygienic—Durable— Guaranteed

From your usual wholesaler.

American Hard Rubber Co., Ltd., 13a Fore Street, E.C.

9108

G. B. KENT & SONS, LTD.

Are known the World over as
the Largest Manufacturers of

BEST BRITISH BRUSHES

Please write for full Particulars to—

75 FARRINGDON ROAD, E.C.1.

Robert Lee

14 CALVERLEY GROVE,
UPPER HOLLOWAY,
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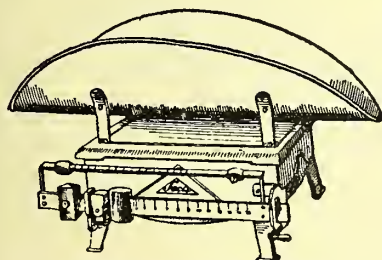
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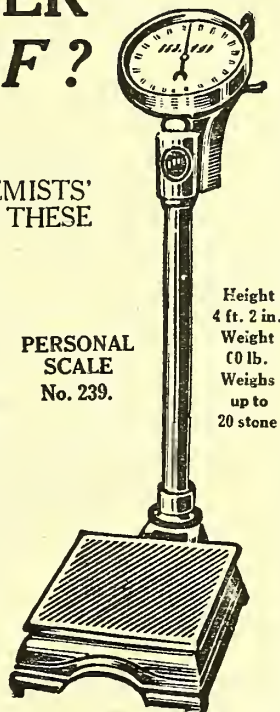
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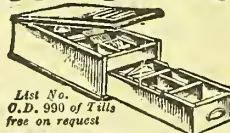
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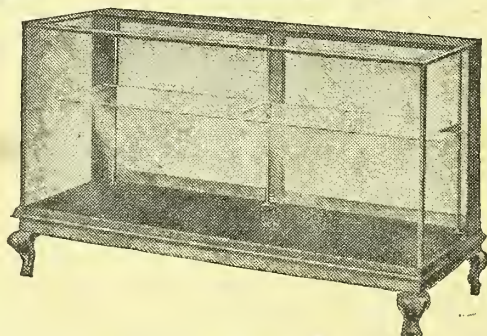
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 54 Foster's Bldgs., High St., Sheffield. (Tel.: 22458).
 19 Waterloo Street, Glasgow. (Tel.: Central 2329.)
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Business Changes

TAYLORS, LTD., have opened a pharmacy at 285 High Street, Lincoln.

ROWLANDS' CHEMISTS are shortly opening a pharmacy at 303 Poulton Road, Seacombe, near Liverpool.

MR. W. D. FRY, chemist and druggist, has opened a new business at 6 Parkfield Parade, South Harrow.

TAYLORS, LTD., have taken over the business of Mr. Samuel H. Proctor, Ph.C., 9 Old Arcade, Halifax.

TAYLORS, LTD., have taken over the business of Mr. S. Calvert, chemist and druggist, 87 High Street, Welling, Kent.

Coming Events

Wednesday, May 29

Northumberland and Durham Chemists' Golfing Society, City of Newcastle course. Team match. Northumberland v. Durham.

Thursday, May 30

The Chemical Society, Institute of Mechanical Engineers, Storey's Gate, Westminster, London, S.W.1, at 5.30 p.m. Address by Professor W. H. Perkin on "The Early History of the Synthesis of Closed Carbon Chains."

English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

Merchandise Marks Act, 1926

The Board of Trade has referred to a Standing Committee a request for marking with indication of origin certain classes of goods, including:—(a) Boxes, cartons, cases, and other containers made of paper, chip, cardboard, strawboard, fibreboard, pulpboard or similar box-boards, or of any combination of these materials, whether corrugated or not, other than paper bags, suit cases, attaché cases or similar cases. (b) Flats for boxes, cartons, cases and other containers of the description specified in (a).

Patents Committee

The President of the Board of Trade has appointed the following committee to report whether any, and if so what, amendments in the Patents and Designs Acts, or changes in the practice of the Patent Office, are desirable:—The Right Hon. Sir Charles H. Sargant (chairman), Mr. Horatio Ballantyne, Mr. H. A. Gill, Mr. E. H. Hodgson, Sir Herbert Jackson, F.R.S., Mr. W. S. Jarratt, Mr. Fearnley Owen, Mr. J. G. Weir, C.M.G., and Mr. James Whitehead, K.C., with Mr. R. W. Luce, Patent Office, 25 Southampton Buildings, Chancery Lane, W.C.2, as secretary.

Contracts

The following tenders have been accepted by the bodies named:—

Dorchester Guardians.—Timothy Whites Co. (1929), Ltd., dressings.

Evesham Guardians.—W. J. Craven & Co., chemists, drugs.

Faversham Guardians.—Mr. T. J. Thomas, chemist and druggist, drugs and sundries.

Grantham Town Council.—Mr. H. Hopkinson, chemist and druggist, drugs, etc.

Guildford Guardians.—Vernon & Co., Ltd., and Albert Browne, Ltd., surgical sundries.

Hemsworth Guardians.—Mr. G. E. Guest, chemist and druggist, Ackworth, Pontefract, drugs.

Hertford & Ware Joint Hospital Board.—Mr. A. J. Sheffield, chemist, Hertford, sundries.

Holborn (London) Guardians.—The British Drug Houses, Ltd., and Willows, Francis, Butler & Thompson, Ltd., drugs; Virol, Ltd., virol and virolax; Vitmar, Ltd., vitmar; Edme, Ltd., cod-liver oil and malt.

Liverpool City Council.—Drugs, etc., Evans Sons Lescher & Webb, Ltd., R. Sumner & Co., Ltd., B. H. Baker & Co., Ltd. Druggists' sundries.—Evans Sons Lescher & Webb, Ltd., Alexander & Fowler, Mr. A. France, Arthur Berton, Ltd., Robert Bailey & Son, Ltd.

Newport. Shropshire, Guardians.—Crossley & Son, chemists, drugs.

Peterborough Guardians.—Boots, Ltd., drugs.

Stourbridge and Halesowen Joint Hospital Committee.—Greenwood & Son, chemists, Lye, drugs.

St. Albans Guardians.—Ekins & Fisher, chemists, dressings.

Watford Guardians.—Willows, Francis, Butler & Thompson, Ltd., drugs; E. M. & M. T. Chater, chemists, dressings.

Whitby Urban Council. Ward & Puckrin, chemists, drugs.

Liverpool

A feature in window displays with certain Liverpool chemists is being made with shaving brushes and soaps.

Evans Sons Lescher & Webb, Ltd., manufacturing chemists, have posted a box of Evans' Throat Pastilles to every parliamentary candidate, with a view to assisting them to relieve the strain on their voices.

Mr. J. L. Clubb, the secretary of the Liverpool Chemists' Association, informs us that members who intend going to Bolton Abbey on June 12 should send in their applications for tickets (10s. 6d. each) not later than May 25.

Sheffield

The fine weather has created an exceptional demand for photographic material.

Mr. W. B. Faraday, one of the candidates for Attercliffe division of Sheffield, is a descendant of Michael Faraday.

An outbreak of fire occurred recently on the premises of John Clark & Co., chemists, West Street. Fortunately the fire brigade soon had the flames under control and prevented damage of a serious nature.

Miscellaneous

FAIRCHILD SCHOLARSHIP AND PRIZES.—The last date of entry for this year's examination for the Fairchild scholarship and prizes is June 1.

WINDOW SMASH.—Two plate-glass windows at the pharmacy of Mr. A. Smith, chemist and druggist, Tring, were recently smashed by a motor-cyclist.

MAY DAY FESTIVAL AWARD.—Mr. R. H. Jones, chemist and druggist, Pwllheli, was awarded the first prize in the competition for "Things to Use," in connection with the local May Day festival.

IN THE COURTS.—At Hanley, on May 13, Lilian Phillips was sentenced to two months' imprisonment for obtaining by false pretences a puff and a box of powder from Mr. John Tirrell, chemist and druggist, Market Square.

ANALYST'S REPORT.—The Cheshire county analyst reports that one sample of Gregory's powder recently submitted to him was improperly dispensed in that light magnesia had been wholly substituted by carbonate of magnesia. Such cases suggest carelessness rather than anything fraudulent. The remaining drugs, of a household type, were fully in accordance with their officially defined composition.

INQUEST.—The death of Mr. Lewis MacLeod, chemist and druggist, assistant with Mr. P. E. F. Perrèdes, Ph.C., Lowestoft, formed the subject of a recent inquest. Evidence showed that Mr. MacLeod had complained of a painful thumb and that he was taken to hospital, where, after an amputation had been performed, he temporarily grew better but eventually died. Death was certified as being due to septicaemia, and a verdict was returned correspondingly.

FIRES.—The following are among the outbreaks of fire recorded since our last report:—There was an outbreak on May 15 at the premises of Squire & Sons, Ltd., chemists, Oxford Street, London, W.1, attributed to a light being thrown down. The shop front was slightly damaged.—Owing to a defective electric circuit, a slight outbreak of fire occurred on May 16 at the Marble Arch Pharmacy, Ltd., 24 Edgware Road, London, W. The damage was not of an extensive nature.

Scottish News

Brevities

Mr. D. G. Hughes, chemist and druggist, recently addressed the Elgin Rotary Club on "Pharmacy."

Millport's new mineral well, the medicinal value of which has already been proved by analysis, was formally opened by Lady Inverclyde on May 14.

Mineral wells have been discovered at Fourpenny, near Dornoch, and if the analysis which is being made proves satisfactory a scheme for development is to be put forward. Wells have also been found at Fairlie.

Fifeshire

Application to the Fife County Council for a licence for the sale of poisonous substances for agricultural purposes has been made by Mr. J. G. Miller, Lathones, Largoward.

The premises of Mr. Charles Stewart, chemist and druggist, High Street, Kirkcaldy, were recently broken into by a man who was fortunately frightened by a passing pedestrian before he had had time to take any goods or money.

Irish News

Brevities

Mr. J. A. Doyle, M.P.S.I., has opened a pharmacy at Henry Street, Kilsrush.

Owing to the alteration in the date of the Chemists' Exhibition in London, the Golf Competition between Northern Ireland and the Irish Free State for the B.D.H. Cup, arranged for June 19, has been altered to June 12.

Tyrone County Council recently considered an application from an Omagh firm for a licence for the sale of weed-killer under the Poisons and Pharmacy Act. A letter was read from the Pharmaceutical Society objecting to the granting of the licence on the ground that there were plenty of pharmaceutical chemists in Omagh. By a majority the application was granted.

Mr. John A. Woodside, Ardabreen, Gargorm Road, Ballymena, has been appointed to the Commission of the Peace for co. Antrim. Mr. Woodside is a well-known business man, being principal of the firm of chemists which bears his name. He is chairman of the Ballymena Musical Festival Association and a member of the Executive of the County Antrim Agricultural Association.

The McMullan Challenge Cup, having been won outright last year, Thomas McMullan & Co., Ltd., Belfast, have generously presented a new cup for the annual competition, which will this year, by kind permission of the Council of Royal Portrush Golf Club, be held on the Links, at Portrush, on June 5. The competition is confined to the drug trade in Ulster.

As the result of the appointment of a joint committee of various traders, a strong agitation is now being organised with the Free State against the widespread use of slot machines for the sale of goods, and the chambers of commerce and other commercial bodies are joining in the demand for such a tax on the installation as will make the work of these machines unprofitable. At the meeting of the Waterford Chamber of Commerce, Mr. Breen, in proposing such a motion, said almost anything could be obtained out of these machines, and they would probably grow into selling goods such as chemists supplied.

Belfast

At a meeting of the medical practitioners of Northern Ireland, held at the Medical Institute, Belfast, on May 17, it was unanimously decided that the time was ripe for the extension of national health insurance medical benefits to Northern Ireland, in the interests of the health and well-being of the community. With this in view, the meeting was of opinion that each candidate for Parliamentary honours should be asked to say whether he was in favour of this or not. The meeting was adjourned to receive the replies of the various candidates. This matter is of great interest to pharmacists, who are watching developments closely.

The question of having a window-dressing competition for chemists was raised at a meeting of the General Committee in connection with the Belfast Empire Week, held in the City Hall, on May 17. In presenting the report of the subcommittee, Mr. J. Finlay said two cups, valued £100 and £25 respectively, were again being offered by the Empire Marketing Board, which was also giving £100 for street decorations, and £50 for the usual window-dressing competition. The subcommittee suggested that they should proceed on the same lines as last year. Mr. Gamble suggested that it should be enlarged so as to include chemists, and increase the interest in the competition. The chairman said they could send a recommendation to the subcommittee to have chemists included. Mr. Gamble said the question had been put to him by several chemists, who were of the opinion that they should be included. The chairman said the subcommittee could consider the chemists in the first instance, and the secretary could approach their organisation and see if it would give its support. The matter was then referred to the subcommittee for consideration, the secretary pointing out that it was rather late to have the suggested competition this year. The report was adopted, and the date of the usual window-dressing competition was fixed for the week commencing May 27.

Chemists' Windows

Photographs sent to the Editor for reproduction should be accompanied by notes as to the arrangement of the displays.



A BOURJOIS DISPLAY BY MR. A. A. GODKIN, HIGH STREET, TUNBRIDGE WELLS

Sporting Events

THE Victoria Day competition of the Edinburgh Pharmacy Golf Club was decided over the course of the Burntisland club and resulted as follows:—(1) and (2) A. McDougall and John Noble, tied, (3) J. P. Gibb. Weather conditions were ideal and the outing was much enjoyed by all.

SCOTTISH chemists held their annual outing over the Gleneagles golf course on May 15, when a company of about 100 had an enjoyable day. The following were the prize-winners:—FIRST CLASS.—*Traveller's Trophy and Gold Medal*, T. McKinstery, Paisley; (2) W. Forrest, Glasgow; (3) D. S. Philip, Edinburgh. SECOND CLASS.—*Pears Cup and Replica*, J. Smith, Hamilton; (2) J. Whyte, Arbroath; (3) W. Bennett, Arbroath. *Scratch Prize*, J. St-venson, Prestwick. *Ucal Prize*, A. Adamson, Kirkcaldy. *Veteran's Prize*, W. G. McNab, Gorebridge. *J. Greig Memorial Prize*, J. Abbott, Glasgow. *Bogey Prize*, J. Ross, Glasgow, and D. Hogg, Glasgow, tied. *Territorial (Gibbs) Cup*, (1) South-western Division: T. McKinstery, Paisley; J. Smith, Hamilton; W. Forrest, Glasgow; A. Wilson, Galston. (2) Central Division: J. Whyte, Arbroath; E. Brunton, Perth; A. F. Robertson, Alva; A. Fraser, Boness.

"THE ALTIOR JOURNAL."—The summer issue of "The Altior Journal," the magazine of the Leeds College of Pharmacy, contains an appeal to old students to link up with the College.

THE benevolent fund of the United Kingdom Commercial Travellers' Association has received gifts of £1,000 from Reckitt & Sons, Ltd., Hull, and £105 from Mr. W. H. Slack, a director of the company.

Settling in Business

By Fifty Odd

The writer of these notes has seen service in practically every section of the chemist's calling, including successful proprietorship. He was, during a considerable period, searching for a particular kind of business to suit a special set of circumstances: he was thus able to inspect a large number of shops and to make comparisons between widely differing sets of figures.

1—Owner or Manager

THERE comes a time in the experience of many chemists' assistants when they begin to feel that they would like to have done with the life of "servitude" and own a business of their own. They have passed through the various stages of apprenticeship, assistantship and managership, and some time or another they feel an urge toward proprietorship and a life untrammelled by the dominance of some other person.

This desire is all very well in its way, but there are many practical considerations to be taken into account. Most proprietors to-day would probably say that any young manager who occupies a congenial position and is in receipt of a salary at any figure near £7 a week would be well advised to stay where he is rather than to launch out on his own account. The chances are that as a proprietor he will work longer hours, bear much more responsibility, and perhaps in the end have very little more cash to put in his pocket than he has now.

There are, however, two fairly good reasons which may be put forward for starting "on one's own." The first is sufficient money. Any assistant who has money enough to buy a really good business and can afford adequate assistance to carry it on comfortably, will probably settle as a proprietor when an opportunity presents itself. The second good reason for commencing in business is this: if a pharmacist has unbounded enthusiasm and a real commercial sense, coupled with the conviction that he must go forward and put his ideas into practice in a business of his own, the probability is that he had better do it. Let no man, however, go into business because he thinks he will have a good time. The chemist who runs his own business may enjoy all the benefits which are to be gained from the exercise of his ingenuity and initiative, but he must also be prepared to withstand all the hard knocks which are bound to come to every man fighting for a livelihood and attempting to cajole the public into producing the wherewithal to enable him to live.

The beginner who has screwed himself up to the point of breaking with his managership days and has decided to select a pitch of his own is faced with several difficulties; but there is one which strikes him almost as soon as he has begun to make a few inquiries. He receives from agents and gathers from advertisements figures and facts relating to different businesses, and he finds on comparing these that the same purchase price may be asked for businesses of widely varying character and showing figures for net profit which differ considerably.

On the other hand, he may find that businesses which appear to show the same net profit are priced at very different figures. The price asked for some shops appears to be merely value of stock and fixtures; in other cases the cost of stock appears somewhat insignificant beside a figure which is included for something called goodwill. There are several basic factors which govern the price; stated briefly, these factors have to do with:—

- (1) The premises—their position, condition and the terms of tenancy;
- (2) The business—its class or character, and the manner of conducting it;
- (3) The present proprietor—his reason for disposal and the length of his ownership.

It is proposed to consider each of these points in turn and some other questions which confront the young chemist adventurer. It should not be overlooked, however, that at times extraordinary circumstances arise in particular cases, and if the aspirant to proprietorship with limited capital has the patience to bide his time, meanwhile keeping a careful watch on the advertisements in the *C. & D. Supplement* and keeping in close touch with agents and travellers, he may be able to take advantage of these special circumstances and secure a real bargain.

Legal Reports

Summonses Dismissed.—At Belfast Licensing Court, on May 17, Mr. Robert W. Laird, Ph.C., Grosvenor Road, was summoned on a charge of having, on April 26, sold methylated spirits to Margaret Kennedy, a person unknown to the seller, and also for failing to make an entry in a book kept for the purpose. Mr. Frederick E. Strong, an assistant to Mr. Laird, was summoned for, as alleged, aiding and abetting. Constable McKnight stated that on April 27 he called at Mr. Laird's shop, where he saw Mr. Strong. Witness asked him if he had sold methylated spirits to a woman on the 26th, and he replied that he had only made one sale of methylated spirits on that date. Witness examined the register and only saw one entry for the 26th. Margaret Kennedy, examined, said she bought methylated spirits in Mr. Laird's shop, but she did not know the name of the man who sold it to her. Another woman was examined, and said she bought some methylated spirits in Mr. Laird's shop on April 26. Mr. Chambers, for the defence, said that Kennedy had told them four different stories. Mr. Strong said he never saw Kennedy in his life before. Holding that the case was not proved, the Court dismissed all the summonses.

Plate Powder Litigation.—In the Chancery Division of the High Court, London, on May 16, Mr. Justice Romer heard a motion by J. Goddard & Sons, Leicester, to restrain Mr. F. Seares and Mr. W. Lindley-Jones, executors of the late Miss Rosina Seares Goddard, from communicating letters intended for the plaintiffs to Kaynex Manufacturing, Ltd., and to restrain the company from using the names and addresses of customers so obtained and from representing that their plate powder was identical with that of the plaintiffs or of the late Miss Goddard, whose business they had purchased. Mr. Archer, K.C., for the plaintiffs, said that their plate powder had been held by the Courts to be generally known as Goddard's Plate Powder. The late Miss Goddard also sold a plate powder under the name of Goddard, with the result that there had been continuous litigation, and eventually, in order to put an end to that business altogether, the plaintiffs purchased it—lock, stock and barrel, with the name—from Miss Goddard's executors for £6,010. It now appeared that people who used to deal with Miss Goddard had sent letters addressed to R. S. Goddard, which instead of being handed to the plaintiffs were given to the defendant company, who, in reply to the customers, wrote: "Miss Goddard's business has gone, but we are still making the same thing by the same recipe." The powder had formerly been manufactured by the company for Miss Goddard. This, said counsel, was solicited by a dishonest trick customers the plaintiffs had bought, and that was what they wanted to stop. Mr. Lindley-Jones said he knew nothing about these letters, and he was very angry at what had happened. The plaintiffs fully accepted that statement and agreed to Mr. Lindley-Jones being dismissed from the case and to paying his costs without prejudice as to whether the other defendants should not ultimately bear them. As to Mr. Seares he had entered an appearance to the action, but was not represented that day. Mr. Roxburgh, for the company, said they sold their powder under the name "Mayfair," and urged that they were entitled to state that it was identical with the powder they used to make for Miss Goddard. His lordship said it was clear that Mr. Lindley-Jones was not concerned in any way with these improper matters. With regard to Mr. Seares and the company he was satisfied that they had been utilising these letters, which, to their knowledge, were not intended for them, but for the plaintiffs, for the purpose of diverting to the company, of which Mr. Seares was a large shareholder, as much of the goodwill as they could of the business bought by the plaintiffs. He granted an injunction restraining the use by Mr. Seares and the company of letters similar to those which had been improperly used. The costs would be costs in the action.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

LISBURN MEDICAL HALL, LTD. (P.C.).—Capital £200. Objects: To acquire the chemist's business, etc., at 22 Bridge Street, Lisburn. The directors are Dwight Lionel Moddy and Samuel W. Moody.

EMPRIC CASH CHEMISTS, LTD. (P.C.).—Capital £400. Objects: To carry on the business of chemists, druggists, etc. The directors are B. E. Harries, Mrs. Else C. Adkins, and A. A. Adkins. R.O.: 2 Empire Buildings, Richmond Road, Kingston, Surrey.

AUSTRAL PREPARATIONS, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturing chemists and salesmen of remedial and other preparations, etc. The directors are W. J. Caldwell and J. Jones. R.O.: 14 Cursitor Street, E.C.

JUSTIT PREPARATIONS, LTD. (P.C.).—Capital £400. Objects: To adopt an agreement with H. R. Thompson and to carry on the business of chemists, druggists, etc. The subscribers are H. R. Thompson and A. F. Clarke. R.O.: 110 Princes Road, Notting Hill, W.11.

W. C. FORD (CHEMISTS), LTD. (P.C.).—Capital £500. Objects: To acquire the business of a retail chemist and druggist carried on by W. C. Ford at 130 Camden Road, N.W. The directors are W. C. Ford, E. J. Damon and Miss Constance L. Ford. R.O.: 130 Camden Road, N.W.

A. G. SHELDON & Co., LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of sellers of surgical dressings, instruments, anaesthetic appliances and drugs, and disinfectants, etc. The directors are: Mrs. Amelia G. Graham and J. H. Graham. R.O.: 59 Weymouth Street, W.1.

DISTAS, LTD. (P.C.).—Capital £500. Objects: To acquire the business of disinfectant and general merchants carried on by F. E. Gibson and Lilian B. Fenn at 46 Mortimer Street, W.1, as "H. F. Distas & Co." The directors are: F. E. Gibson and Lilian B. Fenn. R.O.: 46 Mortimer Street, W.1.

JOHN HENSHAW & Co., LTD. (P.C.).—Capital £7,000. Objects: To acquire the business of soap manufacturers, boilers, merchants and contractors carried on at Green Lane, Manchester, as "John Henshaw & Co." The directors are: J. Henshaw, R. P. Henshaw, J. R. Henshaw. R.O.: 5 Green Lane, Brook Street, Manchester.

CAPLESS SELF-SEALING TUBES, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in receptacles, containers and tubes for packing creams and semi-liquid pastes, dental and face creams, etc. The subscribers are H. T. Girdlestone and J. Rest. Solicitor: S. B. North, 35 New Broad Street, E.C.2.

RADIUM SYNDICATE, LTD. (P.C.).—Capital £100. Objects: To establish and promote companies for the production, development and marketing of radium, and to acquire and dispose of shares and interests in such companies, etc. The directors are: A. Kampler and A. H. Tysser, LL.B. Solicitor: S. Sebba, 7/8 Great Winchester Street, E.C.2.

SALPINE, LTD. (P.C.).—Registered in Edinburgh on May 18. Capital £2,000. Objects: To carry on the business of manufacturers, retailers and buying or selling agents, of bath salts, skin creams, toilet powders, soaps, medicines, chemicals, etc. The subscribers are J. C. W. Hendry and J. Sellar. R.O.: 61 Trossachs Street, Glasgow.

TURNER & SONS (CAMBRIDGE), LTD. (P.C.).—Capital £7,500. Objects: To acquire the business of chemists, photographic dealers and opticians, carried on by W. F. Turner, F. G. Turner and I. W. Turner at Cambridge as "W. F. Turner & Sons." The first directors are:—W. F. Turner (chairman), F. G. Turner, I. W. Turner and C. Wilmore.

HYGIENE CORPORATION, LTD. (P.C.).—Capital £10,000. Objects: To carry on the business of soap manufacturers, manufacturers of and dealers in soaps and other articles for toilet, cleaning or polishing purposes, etc.

The subscribers are: C. E. May and D. W. Barwick. Solicitors: Bristows, Cooke and Carpmal, 1 Copthall Buildings, E.C.2.

H. A. HUGHES & Co., LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in crude, raw, manufactured and partly manufactured gum, resin, cement, rubber, gutta percha, oil, varnish, pigment, colours, dyeware, tar, pitch, asphaltum, copper, and other substances and liquids; chemists, druggists, drysalters, etc. The permanent directors are: C. W. R. Pantlin, W. E. Evans and H. A. Hughes. R.O.: 52 Russell Square, W.C.1.

ZINC MANUFACTURING CO., LTD., was registered as a "public" company on April 19, with a nominal capital of £1,000,000. Objects: To acquire certain licences for the manufacture in various countries under the "Coley Process" of zinc, zinc oxide and other products; to adopt agreements (1) with the N.C. Metal Company, Ltd., Jaime Jose Francisco Guardiola Societe Anonyme Holding Hercule, Societe Anonyme Exploitations Minières en Tunisie, and F. Wright; (2) with the N.C. Metal Company, Ltd., the N.C. Zinc Oxide, Ltd., and F. Wright; (3) with Jaime Jose Francisco Guardiola Societe Anonyme Holding Hercule, and Societe Anonyme Exploitations Minières en Tunisie; and (4) with N.C. Zinc Oxide Co., Ltd., and to carry on the business of manufacturers of and dealers in zinc, zinc oxide and other zinc products. The first directors are: H. E. Coley, J. J. F. Guardiola, H. E. Howard, J.P., C. A. Morrison, L. Wiese, W. D. Scott-Scott, and C. O. Webb. Solicitors: Markby, Stewart & Wadesons, 5 Bishopsgate, E.C.2.

WESSEX MUTUAL DENTAL ASSOCIATION, LTD.—Registered May 16, as a company limited by guarantee, without share capital, with an unlimited number of members, each liable for 1s. in the event of winding up. Objects: To carry on the business of manufacturers and repairers of, agents for and dealers in artificial teeth, materials, apparatus, appliances and accessories for use in connection with dentistry and dental surgery, etc. The management is vested in a Council, the first members of which shall be appointed by the subscribers. The subscribers are: E. W. Scott, Llanberis, Poole Road, Bournemouth, dentist; H. F. Pretty, Lutterworth, Gerald Road, Bournemouth, dentist; L. N. Sharrock, "Dormer," Lymington Road, Highcliffe, dentist; F. Ward, 454 Christchurch Road, Boscombe, Bournemouth, dental surgeon; P. J. Pretty, 22 Gerald Road, Bournemouth, dental surgeon; H. E. Laphorne, Clifton House, Christchurch, Hants, dentist; and A. L. Edwards, Gateways, Shiplake, Oxon, solicitor. Solicitors: Percy Robinson and Co., 15 Great Marlborough Street, W.1.

PHOSALINE (1923), LTD.—At a meeting held at Derby recently, it was resolved that this company be wound up voluntarily. Mr. O. A. J. Ling, 51 Wardwick, Derby, was appointed liquidator.

BOOTS PURE DRUG CO., LTD.—The net profit for the year to March 31 is £750,152 against £701,793. Four quarterly dividends of 6 per cent. each have been paid on the ordinary shares and a bonus of 1s. per share, tax free (against 9d., less tax), is now declared.

"CAMPRO" CAMERAS AND FILMS, LTD.—On the unopposed petition of Allnutt, Ltd., creditors for £76 10s. 6d., Mr. Justice Maugham, in the Companies' Winding-up Court, on Monday, May 13, made an order for the compulsory liquidation of "Campro" Cameras and Films, Ltd.

PENDLETON'S PURE DRUG CO., LTD.—At a meeting held at Skegness recently it was resolved that this company be wound up. Mr. G. H. Black, Central Chambers, Lumley Road, Skegness, was appointed liquidator, and a meeting of creditors will be held at the above address on March 26.

W. J. BUSH & Co., LTD.—The net profit for 1928 was £87,492, compared with £58,949 for the previous year. A final dividend of 11 per cent. is proposed, bringing the total up to 15 per cent., against 12½ per cent. The directors propose to increase the reserve allocation from £20,000 to £45,000, and to carry forward £60,366.

Voluntary Liquidation

Nidal, Ltd., chemists and druggists, Belfast.—The statutory meeting of the creditors herein was held recently at the Central Hall, Rosemary Street, Belfast, when a statement of affairs was submitted which disclosed liabilities of £4,181 3s. 8d. Of that amount £2,774 10s. 3d. was due to unsecured creditors and £1,406 13s. 5d. to the bank. The assets comprised cash in hand £1 0s. 1d.; book debts £1,795 2s. 6d., estimated to realise £1,650; stock £3,502 4s. 11d., valued at £2,800; motor car £40; and fixtures and fittings £25; making total assets of £4,516 0s. 1d., from which preferential claims of £71 15s. 6d. had to be deducted, leaving net assets of £4,444 4s. 7d. To this amount had to be added £25 in respect of uncalled share capital, thus showing a surplus, subject to contingent liability under a lease of £200 per annum, expiring on October 31, 1932, of £288 0s. 11d. After discussing the position, the creditors resolved to confirm the voluntary liquidation with Mr. A. H. Oughton, of 6 Arthur Street, Belfast, as liquidator, and the opinion was expressed that the creditors would receive 20s. in the £. The following are creditors (amounts of £10 and under omitted):—Anglo-American Oil Co., Ltd., £11; North, H. C., & Co., Ltd., £30; Foster McClellan & Co., £16; Kay Bros., Ltd., £25; Lorimer-Marshall, Ltd., £11; British American Safety Razor Co., Ltd., £64; Sterns, Ltd., £19; Butywave Co., The, £71; Ward, Thos., & Sons, Ltd., £143; Edge, Wm., & Sons, £33; Christy T., & Co., £28; Pharmacists' Mutual Supply Association, Ltd., £29; Southall Bros. & Barclay, Ltd., £86; Newbery Agencies, £37; Fassett & Johnson, Ltd., £47; Thermogene Co., Ltd., £37; Hankinsons Alterline, Ltd., £17; Pepsodent Co., Ltd., £20; Phosferine (Ashton & Parsons), Ltd., £38; Neaves Food, Ltd., £11; Eno, J. C., Ltd., £12; Stambois, Louis J., £33; Bourjois, A. et Cie, Ltd., £28; Gambles, J. C., & Co., Ltd., £13; International Laboratories, Ltd., £12; McMullan, Thos., & Co., Ltd., £64; Robinson & Sons, £43; Potter & Clarke, Ltd., £24; McLellan, George & Co., Ltd., £20; Ponds Extract Co., £15; Wander, A., Ltd., £37; Yardley & Co., Ltd., £23; Astor Boisselier & Lawrence, Ltd., £14; Cuxson, Gerrard & Co., Ltd., £44; Palmolive Co. of England, Ltd., £31; Perry & Hope, Ltd., £29; Oppenheimer, Son, & Co., Ltd., £36; The British Drug Houses, Ltd., £286; Fulford, G. T., Ltd., of Canada, £29; Fulford, C. E., Ltd., £21; Johnson Bros., £42; Fecher, M. J., Ltd., £37; British Patent Perforated Paper Co., Ltd., £13; Tokalon, Ltd., £52; Wardle Cotton Co., Ltd., £119; Colman, J. & J., Ltd., £31; Denver Chemical Manufacturing Co., £13; Kaylene, Ltd., £23; Oughton Boyd & Co., £71; Creditors under £10 each, £265.

Private Arrangements

Mrs. Mary Street, trading as J. & M. Street, Taylor's Cash Pharmacy, 32 Manor Street, Bolton, Lancs. A meeting of the creditors was held recently at Blackburn, when it was reported that the liabilities were approximately £780, of which £270 was due to the trade and £510 to cash creditors. The assets consisted of stock £310 13s. and fixtures, etc., £185 7s. The business was purchased in October 1924 by the late Mr. James Street, and the sum of £250 was paid for the stock and fixtures. Mrs. Street took no part in the business until the death of her husband towards the close of last year. The business had been run purely as a drug store. Mrs. Street's mother was a cash creditor for £400 in respect of monies advanced in 1913 and on which interest had been paid. No details of the trading were available, but it was stated that the turnover had been about £14 a week. The premises were held on a yearly tenancy at £40 per annum. Efforts had been made to sell the business, but no definite offer had been received. An offer was made of a composition of 5s. in the £, and after some discussion it was decided that unless 6s. 8d. in the £, payable in cash, was forthcoming, the matter should be dealt with under a deed of assignment with Mr. Parkin S. Booth as trustee. The principal creditors are: Ayrton, Saunders & Co., Ltd., £17; Critchley, C. A., & Co., Ltd., £41; Fairbairn, J. M., Ltd., £77; Mawdsley, D., & Co., £20.

Pharmaceutical Society of Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on May 14, Mr. F. J. Fitzpatrick (president) in the chair. The following members of the Council were also present: Mr. Denis J. Nugent (vice-president), Dr. Michael Ryan (treasurer), Dr. J. A. Walsh, Dr. J. A. Mitchell, Sir Thomas Robinson, Messrs. P. J. Fielding, J. J. R. Kerr, Michael J. Kieran, P. Liston, P. D. Larkin, W. Gannon, T. J. Doyle, James McCormack, Joseph Gorry, John Smith, Patrick Brooke Kelly, P. A. Brady, and J. J. Roche. Mr. David Warwick and Mr. Patrick Kieran sent apologies for non-attendance.

COUNCILLOR'S BEREAVEMENT

The registrar (Miss E. C. Grene) read the following letter from Mr. Warwick: "Please convey to the president and members of your Council my depest gratitude for the kind sympathy extended to my wife and myself in our bereavement and sad loss. Would you please accept my sincere thanks for your personal sympathy. I do appreciate it, coming from my colleagues and yourself."

NEW PHARMACY LAWS IN SOUTH AFRICA

The registrar read a letter from the registrar and secretary of the South African Pharmacy Board, who wrote: "I beg to advise you that I have forwarded to you, under separate cover, copy of the Medical, Dental and Pharmacy Act, 1928, and also of this Board's rules for the examination of chemists and druggists. This Board commenced to function on January 1 last in terms of the Act and took the place of the four existing Boards for the Cape Province, Natal, Orange Free State and Transvaal. These bodies recognised the qualification of Pharmaceutical Chemist of your Society, and any registrations effected prior to January 1 last will hold good. Since that date, however, the recognition has ceased, and this Board has no power, under Section 22 of the Act, to grant recognition unless the requirements of that Section are fully complied with. It would, therefore, I think, be as well if you were to advise chemists holding your qualification and desirous of coming to this country of the position."

The PRESIDENT requested the registrar to read Section 22 of the Act, which Miss Grene did as follows: "The Governor-General may from time to time, after considering any recommendation of the Council or Board, prescribe by regulation the several degrees, diplomas and certificates granted after examination by a university, medical school or other examining authority which, when held singly or conjointly with any other degree, diploma or certificate, entitle the holders thereof to registration under this Act as medical practitioners, dentists or chemists and druggists; provided that, save as is provided in the next succeeding section, or in Section 23, no degree, diploma or certificate of a university, medical school or other examining authority outside the Union shall be prescribed under this section or accepted as a qualification for registration of the holder as a medical practitioner or dentist, or chemist and druggist (as the case may be), unless (a) such degree, diploma or certificate entitles the holder to practise as a medical practitioner or dentist or chemist and druggist (as the case may be) in the country or state in which such university, school or examining authority is situate; and (b) by the laws of that country or state persons holding degrees or qualifications granted after examination in the Union and entitling them to practise as medical practitioners, dentists or chemists and druggists (as the case may be) therein are admitted without further examination to practise in that country or state; and (c) the Council or board is satisfied that possession of such degree, diploma or certificate indicates a standard of professional education not lower than that prescribed by the council or board for medical practitioners, dentists or chemists and druggists (as the case may be) within the Union."

The registrar was directed to communicate with the registrar and secretary of the South African Pharmacy

Board with a view to obtaining further information on the subject.

DOCTORS REGISTERED AS PHARMACEUTICAL CHEMISTS

The registrar referred to communications from the following submitting L.A.H. diplomas and requesting to be registered as pharmaceutical chemists: Dr. John J. Kinsella, Coolgreany, Edenderry, Offaly; Dr. Patrick Charles O'Donnell, Cork; and Dr. Eugene Fehily, Balineen, co. Cork. Their requests were granted.

CHANGE OF ADDRESS

Mr. J. J. Anderson, Ph.C., notified change of address to 118 St. Declan's Road, Fairview, Dublin.

PRELIMINARY REGISTRATION

The following, who submitted certificates from other bodies, were admitted to preliminary registration: Miss M. A. O'Brien, Ennis Road, Miltown Malbay, co. Clare; Mr. Arthur Clein, 33 St. Kevin's Road, S.C.R., Dublin; Mr. Martin Joseph Ryan, Clonmore Terrace, Tralee; and Mr. William V. Carvill, 39 Frankfort Avenue, Rathgar.

REPORTS FROM COMMITTEES

Reports from the Law Committee and the House Committee were received and adopted.

REPORTS FROM EXAMINERS

Reports on the April examinations were received from the examiners, from which it appeared that ten candidates presented themselves for the Preliminary examination, of whom four passed, one (Jeremiah Linehan) with honours; that there were thirty-two candidates for the Pharmaceutical Licence examination, of whom seven passed; that for the Pharmaceutical Assistant examination there were thirteen candidates, of whom eight passed; and that there were three candidates for the Registered Druggist examination, of whom two passed.

SEALING OF LICENCES

On the motion of the VICE-PRESIDENT, seconded by Mr. KERR, the pharmaceutical licences of the following were directed to be sealed: Mr. Philip Geoffrey Burke, Mr. Francis Patrick Duffy, Miss Kathleen Fogarty, Miss Mabel Edith Fuller, Mr. John Robert Lawless, Mr. Denis Long and Mr. Lyall Gilchrist Smith.

NOMINATED FOR MEMBERSHIP

On the motion of the PRESIDENT, seconded by the VICE-PRESIDENT, Mr. Gerald Morewood, Ph.C., 47 Franconia Road, Clapham Park, London, S.W.4, was nominated for membership.

PRESENTATION TO COUNCILLOR

A pleasing function followed the ordinary business of the Council, Mr. Michael J. Kieran, M.C.P.S.I., being presented with a dining-room clock, with Westminster chimes, to mark his colleagues' feeling of goodwill and congratulation on the occasion of his marriage with Miss Alice Bouchier Hayes, M.P.S.I. The clock bore a suitable inscription.

The PRESIDENT, in making the presentation, said he had been asked to perform a very pleasing duty on behalf of his colleagues on the Council and himself—that of presenting Mr. Kieran with this souvenir of his marriage. He wished Mr. Kieran and his charming partner long life and every prosperity and success, and he hoped that this gift from his colleagues would be associated in his recollection with only pleasant memories. He asked Mr. Kieran to accept it on behalf of Mrs. Kieran and himself with their very best wishes. (Applause.)

Mr. KIERAN, returning thanks, said he was very thankful to the president for his very kind remarks and to his colleagues for their very nice present, which he deeply appreciated. Since he had come on the Council he had experienced nothing but the greatest courtesy from the president, the vice-president and his colleagues. He had many pleasant memories of his association with the members of the Council. He thanked them very sincerely.

Pharmaceutical Society of Great Britain Branch Meetings

Cheltenham.—The annual general meeting of the Cheltenham and District Branch of the Pharmaceutical Society was held on April 25. The minutes of the previous meeting having been read and approved, the treasurer presented his report and balance-sheet. This was duly adopted, a small balance being brought forward. The secretary gave a review of the year's work. Mr. Clarence James voiced the feeling of the members in appreciative terms of the able manner in which the retiring chairman (Mr. H. Burton Clarke) had filled his office. Mr. Percy James was elected *Chairman*; Mr. Wru. J. Thomson *Secretary*; Mr. R. A. Chesire *Treasurer*. After refreshments had been served, Mrs. Burton Clarke presented the report of the Ladies' Committee, and a vote of thanks was passed to the ladies for the work which they had done in the last three years. Mr. Clarence James gave an account of his work on behalf of the Benevolent Fund, the results being satisfactory, Cheltenham leading in contributions per head.

Croydon.—An address on *Vitamins, their Manufacture and Standardisation* was given on May 17 before a meeting of the Croydon Branch and Association by Mr. R. R. Bennett, B.Sc., chairman of the British Pharmaceutical Conference. Mr. Osmond Morris presided. Mr. Bennett presented the principal facts concerning vitamins, and described developments in the manufacture and utilisation in food products of various vitamin concentrates. The importance of the incorporation of these principles into food substances such as margarine was not, he considered, yet sufficiently recognised or appreciated in this country—at the moment only one British firm was manufacturing margarine equal in vitamin content to summer butter. In Germany better use was being made of the discovery, and the Germans were, in fact, buying from British firms large quantities of irradiated ergosterol—a tribute to the enterprise and skill of British manufacturers. In the discussion which followed the lecture, many points of interest, including the Steenbock patent under the irradiated ergosterol is manufactured in this country, were raised and dealt with by Mr. Bennett, to whom a hearty vote of thanks was accorded.

Dundee.—The general meeting of the Dundee and East and Central Scottish Branch of the Society was held on May 9. Mr. F. Bennett (Arbroath) presided. Mr. J. Rutherford Hill was present. Officers were elected as follows:—*Chairman*, Mr. F. Bennett (Arbroath); *Secretary and Treasurer*, Mr. John Anderson (Dundee); *Committee*, Mr. T. Harley (Perth), Mr. M. McFarlane (Forfar), Mr. Petrie (Blaigowrie), Mr. Ritchie (Montrose), Miss Duncan, Mr. J. R. Milne, Mr. J. H. Ferguson, Mr. J. B. Coupar, Mr. D. Robertson and Dr. McColl (Dundee).—Mr. Rutherford Hill presented the Branch prizes to Miss Niven and Mr. W. Edward, and congratulated the local school of pharmacy on its success in the examinations.

Leicester.—The annual meeting of the Leicester and Leicestershire Branch of the Pharmaceutical Society took place on May 1. Mr. F. H. Clark presided. The secretary presented his report. The loss by death of one member (Mr. Thompson, head of the Pharmacy Department, Technical College) was mentioned, and an increase of twenty-seven brought the total number of members to 166. Thanks were due to the principal of the Technical College (Mr. Kershaw) for the use of lecture-rooms. The treasurer's report was good, and showed a balance in hand. Thanks were tendered to the ladies' social committee for £9 towards the Technical College equipment. The Benevolent Fund box installed during the year yielded £1 11s. 2d., plus £17 obtained by the ladies' committee from a whist drive. Mr. A. E. Young, as chairman of the advisory committee to the Technical College, gave in his report particulars of the improvements in the Pharmacy Section. The cost of these would be about £500, and the local branch had promised £100. Mention was also made of the Pharmaceutical Society's new regulations. Mr. Fry endorsed Mr. Young's remarks, and urged the need of broadening one's outlook beyond pharmacy. It was

agreed that a summer outing be held. New officers appointed were:—*Chairman*, Mr. W. Westhead; *Vice-Chairman*, Mr. H. A. Martin; *Secretary and Treasurer*, Mr. R. I. Dickson; *Assistant Secretary*, Mr. C. W. Leake; *Council*, Miss Bonsor, Miss Perkins, Messrs. Blockley, Brelsford, Clark, Ward, A. E. Young, Lovell (Wigston), Latimer (Loughborough), and Stiles (Market Harborough); *Auditors*, Messrs. Rimmington and Palmer. The new chairman proposed a vote of thanks to the retiring officers, to which Mr. Clark responded.

Associations' Meetings

Aberdeen.—The Aberdeen Pharmaceutical Association held a field night on May 17, the occasion being the annual prize-giving to the evening class students. Opportunity was taken of the visit of Mr. E. S. Peck and Mr. Linstead, who were to inspect the school of pharmacy, to get them to address the students. There was a large attendance of members and students. Mr. A. P. Wallace, president of the Association, gave the students a hearty welcome and expressed the pleasure at having two distinguished members of the Society present. Dr. Bryant, head of the School of Pharmacy, in giving a criticism of the work done in the examination, said the papers were better than in previous years, but too much reliance was still being placed on memory rather than endeavouring to discover by reason and observation the underlying principles and facts. Mr. Peck presented the prizes. In speaking of apprenticeship he emphasised the value of study in early training. He congratulated Aberdeen pharmacists on having such a school of pharmacy as the present up-to-date establishment at Gordon's Colleges, and the excellent arrangements made by the Governors. Mr. Linstead congratulated the students on their tenacity in the strain of four years' evening class work. He advised all to claim and take a direct interest in the work of their societies and to serve and stand up for their own local associations. Mr. Douglas thanked the Association for the very practical interest they had taken in their evening class work. Mr. Farquhar proposed a vote of thanks to Mr. Peck and Mr. Linstead. Mr. Linstead proposed a vote of thanks to Mr. Wallace for the able manner in which he carried through his duties. The vice-president (Mr. M. K. Watt), as convener of the Education Committee, announced the prize-winners as undernoted:—*Chemistry: Stage 1*, (1) A. D. Simpson, (2) D. Morrison; *Stage 2*, (1) P. Gillespie, (2) Chas. McHardy; *Stage 3*, (1) George A. Reid, (2) W. B. Ewen; *Stage 4*, (1) James Douglas, (2) H. S. Campbell. *Physics: Stage 1*, D. Morrison, A. D. Simpson (first equal); *Stage 2*, (1) John Duthie, (2 equal) J. Y. Murray, C. F. Ross. *Botany: Stage 3*, (1) O. Dawson, (2) H. O. Collins; *Stage 4*, (1) Jas. Douglas, (2) J. A. Young.

Recent Patents

Abstracts of specifications of recently-granted patents for inventions. The complete specification (1s. each including postage) of any British patent can be obtained from the Patent Office, 25 Southampton Buildings, London, W.C.2, on quoting the name of the patentee and the number of the patent.

Butyl Alcohol.—A process of making butyl alcohol and other organic compounds from ethyl alcohol by subjecting alcohol vapour under ordinary or raised pressure, and in the presence of a catalyst (barium, manganese, magnesium oxide), to a temperature of 400-500° C. (Consortium für Elektro-Chem. Industrie, G.m.b.H. 282,448.)

Granular Fertilisers.—A process for the production of fertilisers in a granular form from rock phosphate by subjecting to pressure a paste of soluble phosphate derived therefrom (mono- or diammonium phosphate) with the addition of a small amount of gelatinous iron and/or aluminium phosphate to act as binding material so as to give a product containing 7-10 per cent. of water, and allowing it to dry so as to produce a granular product. (W. J. Worboys and I. C. I., Ltd. 307,575.)

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held on May 17 in the Scottish Provident Buildings, Belfast, the president (Mr. W. J. Hardy) in the chair. There were present also Messrs. Fred Storey (vice-president), A. C. McBride, Horatio Todd, S. S. Badger, J. E. Connor, T. W. McMullan, James Dundee, H. McRoberts, S. Gibson, J. F. Grimes, W. E. Wilson, W. Martin, Professor Small and Dr. Acheson. Mr. D. L. Kirkpatrick (secretary) was in attendance. Apologies for absence were received from Messrs. W. S. Taylor, H. Lancashire, R. I. Edwards, and John Maxwell.

PHARMACY ACT, 1929

THE PRESIDENT said he had no doubt they were all aware that the one-clause Bill of the Pharmaceutical Society of Great Britain asking for the necessary powers to accept their certificates was now on the British statute-book as the Pharmacy Act, 1929. The Bill was promoted by the British Society solely in their interest, with the object of giving effect to the reciprocity agreement arrived at between their Society and the Society of Great Britain in November last, and, although obviously fair and non-contentious, it was not got through without difficulty. That it did go through in the brief time at the disposal of the House of Commons was very gratifying to all concerned; and when the required by-law to complete it had passed the usual Council stages, and the Privy Council's assent had been given, the reciprocal arrangement which had to be suspended would come into force—probably in July. They would agree they as a Society were deeply indebted to the British Society for their prompt and sympathetic action in that matter, and on behalf of their Society he had conveyed an expression of their appreciation and thanks to them through their president, Mr. Skinner. Throughout, their Committee co-operated with Mr. Skinner and Mr. Linstead, and several visits to London were indispensable. Valuable assistance was given in the Commons by Mr. Bennett, member for Battersea, and Mr. D. D. Reid and Major Ronald Ross, Northern Ireland members. He should also like to acknowledge the splendid and effective help given by their Home Secretary, Sir Dawson Bates. He was indefatigable in his efforts to have the Bill accepted and introduced before Parliament dissolved, and personally interviewed the Imperial Home Secretary, Sir William Joynson-Hicks, and the Permanent Under-Secretary, Sir John Anderson, with that object.

Mr. TODD said everything seemed to have gone on well with regard to reciprocity. At one time things looked blue, but when the president and secretary went to London they were able to do a great deal of useful work. They could not have done more, and he thought Sir Dawson Bates should be thanked for his assistance.

Mr. STOREY supported the remarks of Mr. Todd. They should certainly thank the Northern Government for its part in the matter. The Government acted in a very businesslike way all through. The Prime Minister and Sir Dawson Bates took a very active part in the matter, and a letter of thanks should be sent to them. The president deserved a great deal of credit for his work in the matter. The opposition at one time looked serious, and but for the Northern Government they would never have got the Bill through.

Mr. T. A. McMULLAN congratulated the president on what had been accomplished. Sir Dawson Bates should be publicly thanked for his assistance.

THE PRESIDENT said the Bill, of course, was that of the Society in Great Britain, but the Northern Society had co-operated with that Society.

It was unanimously agreed that a letter of thanks be sent to Sir Dawson Bates.

BRITISH PHARMACEUTICAL CONFERENCE

On the motion of Mr. TODD, seconded by Mr. DUNDEE, the president, vice-president, past-president and secre-

tary were appointed delegates to the British Pharmaceutical Conference in Dublin.

THE PRESIDENT said he hoped there would be a good representation of other members from the Society at the Conference.

OTHER BUSINESS

Mr. David J. Pinkerton, the Medical Hall, Aghnacloy, was elected a nominated member of the Society.

The Council again considered the question of providing a building as headquarters for the Society, and a committee was appointed to go into the whole question and report.

Imperial Institute Report

In the recently issued annual report of the Imperial Institute for 1928 mention is made of several investigations of interest to the drug trade. These include:—

STROPHANTHUS FROM TANGANYIKA

A sample of the seed of *Strophanthus Emini* was investigated in order to ascertain whether it could be utilised as a source of strophanthin. Chemical examination showed that the seeds contained a fair quantity of strophanthin, and this was confirmed by pharmacological trials kindly undertaken by Dr. J. H. Burn at the Pharmacological Laboratory of the Pharmaceutical Society. The results indicated that the seeds should prove as satisfactory for medicinal use as those of *Strophanthus Kombé*, which is at present the only species recognised in the British Pharmacopoeia. Further quantities of the seed have been asked for with a view to carrying out a fuller investigation.

HYDNOCARPUS SEEDS

As a result of the interest now being taken in the use of hydnocarpus oils for the treatment of leprosy, samples of the seed of *Hydnocarpus Woodii* were received from North Borneo for investigation. A detailed chemical examination of the oil showed that it contains the glycerides of both hydnocarpic and chaulmoogric acids. In this respect the oil agrees with that from the seeds of *Hydnocarpus Wightiana*.

CAMPHOR LEAVES FROM ST. LUCIA

In continuation of previous investigations of camphor leaves and twigs from St. Lucia, twenty additional samples collected from different trees in the same plot were found to yield 1.45 to 3.1 per cent. of total distillate (camphor and oil) from the moisture-free material. On cooling the distillates to 0° C., camphor separated in every case, the yields ranging from 65.4 to 78.6 per cent. on the distillates or 1.1 to 2.4 per cent. on the moisture-free leaves and twigs. The results are of interest in showing that all the camphor trees in St. Lucia so far examined have yielded camphor by distillation of the leaves and twigs.

NATURAL SODA FROM TANGANYIKA

The material examined was obtained from Lake Rukwa, in the Ufipa district. It was found to consist essentially of sodium carbonate, 32.4 per cent.; sodium bicarbonate, 24.2 per cent.; sodium sulphate, 11.1 per cent.; sodium chloride, 5.3 per cent. This sample, which was less pure than that previously examined at the Imperial Institute, yielded on calcination about 70 per cent. of impure soda ash slightly sintered and iron stained. The ash could be used for the local preparation of soap and in the manufacture of common bottle-glass.

CARDAMOMS IN MONTSERRAT

In connection with proposals for growing cardamoms in Montserrat, a memorandum was furnished summarising the more important recent information on the cultivation and preparation of this product. Samples of the principal grades of cardamoms marketed were obtained from a London firm and sent to the Superintendent of Agriculture, with information regarding current prices and market conditions.

Trade Notes

CHIROPODY.—Mr. E. T. Rich, 30d High Street, Swansea, offers to give training in chiropody. Particulars will be sent on request.

PHOTO FINISHERS (SHEFFIELD), LTD., Union Street, Sheffield, guarantee a one-day service for developing and printing. Further details will be found in the advertisement pages.

EPHEDRINE AND SALTS.—May & Baker, Ltd., Battersea, inform us that they are makers of ephedrine alkaloid and the hydrochloride and sulphate salts, the prices for which were quoted in our Trade Report last week.

M.Q. DEVELOPING POWDERS.—Gold Seal Proprietaries, Ltd., Croydon, who advertise M.Q. developing powders in this issue, invite photographic dealers to write for the company's price list and specimens.

COAL TAR TOILET PRODUCTS.—Wright, Layman & Umney, Ltd., Southwark Street, London, S.E.1, are offering a free box of shampoo powders and a stick of shaving soap, respectively, on every dozen boxes or sticks ordered by June 29.

SAMPLES OF SOAP.—Hunter Beattie, 25 Monteith Row, Glasgow, S.E., are desirous that chemists should test the merits of H.B.T. aseptic soap, and for this purpose the company will send free on request a tablet of toilet soap and a stick of shaving soap. The offer remains open until June 8.

MOTHAKS.—Thompson & Capper Wholesale, Ltd., Manesty Buildings, College Lane, Liverpool, are the manufacturers of a moth repellent of pharmaceutical elegance. Mothaks are illustrated in the advertisement pages of this issue, and particulars are given regarding a window display bonus.

PRISM BINOCULARS.—The General Optical Co., 120 Clerkenwell Road, London, E.C.1, are offering a range of Kylos stereo prism binoculars at extremely reasonable prices, and chemists who are interested in instruments of this nature should write for the descriptive leaflet and particulars of trade terms.

ILLINGWORTH SHOW MATERIAL.—Thomas Illingworth & Co., Ltd., Park Royal, London, N.W.10, have prepared a folder giving particulars of their 1929 advertising campaign and illustrations of the show material referred to in the *C. & D.*, April 27, p. 504. Supplies of the showcards and posters may be obtained on request.

PRINTING.—Alfred Harrison & Sons, Ltd., Burley Road, Leeds, London, Dublin and Belfast, who are celebrating the fiftieth anniversary of the foundation of the business, state that as the result of their modern machinery and organisation they are able to turn out work with the utmost speed without sacrifice of quality.

A SUPER SHAVING STICK.—A. Bourjois & Cie, Ltd., 4 Water Lane, London, E.C.4, have placed on the market, under the title of "365 Day" shaving stick, a toilet accessory, which, owing to its exceptional size, is aptly named. That the soap is offered by Messrs. Bourjois is a guarantee of quality, and we understand that during the short time it has been available the demand has been unusually heavy. The soap is packed in an attractive display outer, as will be seen from the illustration in the advertisement pages.

S. MAW, SON & SONS, LTD., 7-12 Aldersgate Street, London, E.C.1, have just published a revised edition of their widely appreciated catalogue. Any chemist who does not receive a copy of this encyclopædia of pharmaceutical sundries during the next few days should write for one. The new list is similar in style to its predecessors, but has in addition two coloured insets, dealing respectively with "Maw's Leading Lines" and "Powder Puffs." There is also a number of illustrations of the company's factories and some interesting pictures of shops at which refitting work has been undertaken.

THE ANGLO-FRENCH DRUG CO., LTD., 238A Gray's Inn Road, London, W.C.1, have issued "A Concise List of Pharmaceutical Products," and a price list, copies of which may be had on application. The former gives various details, such as the composition, directions for

use and forms in which the remedy is available, so that it will be found most useful for reference. Among the most frequently prescribed of the company's products is Stannoxyl, and in dispensing Insurance scripts for this product chemists should not overlook the fact that a special package containing twenty-four tablets is now available.

UNDER the title of "The British Drug Industry" there appeared in the "Daily Telegraph," May 17, an historical sketch of The British Drug Houses, Ltd., and brief references to a number of the company's special preparations, while in the centre of the page was a photograph showing the extent of the B.D.H. London works. Other manufacturers whose products were referred to under the same heading included: Burt, Boulton & Haywood, Ltd.; United Glass Bottle Manufacturers, Ltd.; George Scott & Son (London), Ltd., and Ernest Scott & Co., Ltd.; C. Olley & Sons, Ltd.; H. H. Tallent & Co., Ltd.; A. W. Kennard & Son, Ltd.; The Self-Opening Tin Box Co., Ltd.; John Feaver, Ltd.; Ernest E. Higgs & Co.; Ford, Shapland & Co., Ltd.

Trade Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1929, p. 333.

(From "The Trade Marks Journal," May 1, 1929)

- "KALYPTOS"; for sheep dip (2). By Lawes' Chemical Manure Co., Ltd., 59 Mark Lane, London, E.C.3, 499,960.
- "MENNEN" over oval portrait of man ("Mennen" disclaimed); for soap and powders (3). By The Mennen Co., 345 Central Avenue, Newark, New Jersey, U.S.A. 497,714. (Associated.)
- "PHOSFERINE HEALTH SALT" on label device including figure with arms upraised and words "Tonics as it Cleanses"; for salts for internal use (3). By Phosferine (Ashton & Parsons), Ltd., La Belle Sauvage, London, E.C.4. 498,291.
- "JOSECO"; for surgical instruments, etc. (11). By J. E. Covo, 97 Cambridge Gardens, London, W.10. 500,608.
- "CURTOSIS"; for abdominal belt etc. (11). By H. E. Curtis & Son, Ltd., 7 Mandeville Place, Wigmore Street, London, W.1. 500,987.
- "POND'S SKIN FRESHENER & TONIC" on label with conventional design; for a liquid skin preparation (48). By Pond's Extract Co., 103 St. John Street, London, E.C.1. 499,738. (Associated.)
- "MASQUE ROUGE" on label device including girl holding up mask; for perfumery, etc. (48). By Parfums Marcel Guerlain, Ltd., 252-260 Regent Street, London, W.1. 499,801.
- "EVENING IN PARIS"; for perfumery, etc. (48). By A. Bourjois et Cie, 60 Rue d'Hauteville, Paris. 500,830.
- "L'ETHEAN"; for perfumery, etc. (48). By E. Griffiths Hughes, Ltd., 68 Deansgate Arcade, Manchester. 500,855.
- "KILCONKER" for prepared pumice blocks (50). By J. Steven, 144 Abercromby Street, Glasgow. 500,086.
- "MARBELITE"; for shaving stick containers made of phenol and formaldehyde products (50). By The Winter Thomas Co. (1926), Ltd., 30 Great Queen Street, London, W.C.2. 500,788.

(From "The Trade Marks Journal," May 8, 1929.)

- "ANTONIT"; for chemicals (1) and for all goods (47).
- "HOMOGENIT" and "HOMOGENOL"; for chemicals (1) and goods (47).
- "FINOLEN"; for all goods (1).
- "OLIOLYTE"; for all goods (1) and (47). By H. Th. Böhm A.G., 29 Moritzstrasse, Chemnitz, Germany. 496,723/729/730/731/732/733 (Associated); 499,201; 499,203/204. (Associated.)
- "FERTANX"; for chemicals (1). By The International Paint and Compositions Co., Ltd., 31 Grosvenor Place, London, S.W.1. 501,365.
- "DENTUS"; for photographic films and chemicals (1). By Photo-Produits Gevaert Société Anonyme, 23 Septe Straat, Vieux-Dieux, Antwerp, Belgium. 501,398.
- "AGROL"; for horticultural chemicals (2). By A. R. J. Davenport, 93 Jerningham Road, New Cross, S.E.14. 499,142.
- "MURCOTINE"; for chemicals (2). By Murphy & Son, Ltd., Wheathampstead House, Wheathampstead, Hertfordshire. 500,531.

Births

Notices for insertion in this column must be properly authenticated.

CAMPBELL.—At 8 Stenhouse Grove, Edinburgh, on May 3, the wife of Colin Campbell, chemist and druggist, of a son.

Marriages

BURNETT—BUTLER.—At the Parish Church, High Wycombe, on May 16, Ernest Smith Burnett, chemist and druggist, to José Butler.

SAYER—AUSTIN.—At Portland Baptist Church, Southampton, on April 27, Cyril John Martin Sayer, chemist and druggist, to Ruth Holloway Olive Austin.

Deaths

LEE.—Recently, Mr. William Lee, retired chemist and druggist, 145 Chester Road, Greenbank, Northwich, aged eighty. Mr. Lee died from injuries received through being knocked down by a motor-cycle.

MACLEOD.—At the Lowestoft Hospital, on May 12, Mr. Lewis MacLeod, chemist and druggist, aged sixty-three.

MORGAN.—On May 17, Mr. Charles Frank Morgan, chemist and druggist, Hugh Street, Cardiff, aged twenty-nine. Mr. Morgan served his apprenticeship to Mr. Evan Edwards, chemist, Pontcanna Street, Cardiff, afterwards managing the business of D. Morgan & Co., chemists, Duke Street. He later acquired the business and removed it to Hugh Street. Mr. Morgan was a freemason and was much esteemed. The following representatives of the local association were present at the funeral, which took place at Llandaff on May 21:—Messrs. Edwards, Jones (Robert Drane, Ltd.), E. A. Ward, P. Robinson, A. E. Acreman, and Evan C. Edwards. Mr. Morgan's staff was also represented.

ROBERTSON.—In Edinburgh, recently, Mr. Alexander Robertson, J.P., chemist and druggist. Mr. Robertson, who qualified in 1877, carried on business in Oban for a long period. He commenced the manufacture of sheep dip in 1887. Some years ago the firm amalgamated with MacDougall Brothers, Ltd., Manchester, and later with William Cooper & Nephews, Ltd., under the name of Cooper, MacDougall & Robertson. Mr. Robertson at one time took a prominent part in the public life of Oban.

ROGERS.—At his residence, 52 Leigh Road, Hale, Cheshire, on May 5, Mr. Frederick Hughes Rogers, chemist and druggist, 22 Victoria Road, aged sixty-eight. Mr. Rogers served his apprenticeship at Northwich and afterwards became dispenser at the Throat, Nose and Ear Hospital, London, W.1. He was for some time with Mr. W. Gibbons, Ph.C., Market Street, Manchester: thirty-seven years ago he commenced business on his own account at Hale. Mr. Rogers was a prominent provincial freemason.

Personalities

MR. L. J. MEYLER, chemist and druggist, Milford Haven, has been elected a member of the Town Council.

MR. G. M. PERKINS, chemist and druggist, Knighton, has been elected chairman of the local chamber of trade.

MR. W. S. SCOTT, chemist and druggist, Cockermonth, has been elected to fill a casual vacancy on the local urban council.

MR. W. MASSEY, chemist and druggist, Guildford, has been elected a member of the committee of the local chamber of trade.

MR. W. J. BEAN vacated the office of Curator at the Royal Botanic Gardens, Kew, on May 20, after serving on the staff for forty-six years.

MR. HUBERT WRIGHT, representative of A. de St. Dalmas & Co., Ltd., surgical dressings manufacturers,

Leicester, has removed to Clyst St. Mary Bankart Avenue, Stoughton Lane, Oadby, Leicester.

MR. J. R. CHARLTON, Wistaston, Crewe (representative of Evans Sons Lescher & Webb, Ltd.), has been elected an Associate of the Royal Photographic Society of Great Britain, for distinguished pictorial work and contributions to photographic literature.

THE MAYOR AND MAYORESS OF WORTHING (Alderman W. T. Frost, chemist and druggist, and Mrs. Frost) entertained the Lord Mayor and Sheriffs of London, the Mayors of several local boroughs and other visitors on the occasion of the inauguration of the enlarged borough of Worthing on May 21.

ALDERMAN DR. G. CLARIDGE DRUCE, F.R.S., was made a honorary member of the Crusaders Preceptory of Knight Templars on May 15, when, as First Constable of the Berks and Oxford Preceptory he was one of the consecrating officers in the ceremony held at Mark Mason's Lodge, Great Queen Street, London, W.C.2.

CERTIFICATES OF NATURALISATION have been granted to I. Cashdan, medical practitioner, 210 Park Road North, Birkenhead; D. H. Sarafian, medical practitioner, "Red Lodge," Chipping Sodbury; H. M. Slotzki (known as Harry Myer Slott), dentist, 52 Highbury Park, Highbury, London; D. Tzinkin (known as David Chinkin), director of limited company (drug stores), 26 Fieldgate Street, Whitechapel, London.

THE Committee appointed (as reported on p. 621 of this issue) to inquire into the working of the Patents and Designs Acts includes Sir Charles Sargent, an ex-Lord Justice of Appeal, Mr. H. Ballantyne, managing director of Lever Brothers, Ltd., Sir Herbert Jackson, Emeritus Professor of Chemistry in the University of London, Mr. W. S. Jarratt, Comptroller of the Patent Office, and Mr. E. H. Hodgson, a principal assistant secretary of the Board of Trade.

Wills

MR. WILLIAM GRAHAM MACKENZIE, chemist and druggist, 16 Gillespie Crescent, Edinburgh, left estate valued at £740.

MR. HERBERT STRONG, produce broker, Mark Lane, E.C., left gross estate valued at £21,925, net personalty being £21,386.

MR. HENRY CHARLES HEWITT OLIVER, of The Pharmacy, West Malling, Kent, chemist and druggist, left estate of the gross value of £3,930 3s. 2d., with net personalty £2,413 18s. 6d.

MR. CHARLES FREDERICK CONWAY, of 45 Portswood Road, Southampton, Hants, chemist and druggist, who died on January 19 last, intestate, aged thirty-five, left estate of the gross value of £2,253 19s. 8d., with net personalty *nil*.

MR. JAMES WALKER, Ph.C., of Ballynahinch, who died on September 15 last, aged sixty-seven, left personal estate valued at £11,625 14s. 10d. The testator left, among other bequests, £100 to Down Infirmary, £300 to Hugh McAuley if in his service at his death, £100 to Jack Ellis similarly, £100 to David John Bell, and the ultimate residue of the property to the legatees mentioned in his will (including Down Infirmary but excluding David John Bell) in the same proportion as the amount bequeathed to them respectively.

MR. JOHN KITCHING MATTERSON, late of Matterson's Modern Pharmacy, Bournemouth, left property of the value of £13,187 10s. 2d., with net personalty £12,407 6s. 3d. He gives £105 to Frederick William Windebank; £10 for each year of employment to the assistants of J. K. Matterson, Ltd., and £5 to each of the other persons employed therein; £5 to each of his servants; and the residue of the property to his wife for life, and then as to one half in trust for his son John Kitching Matterson, and the other half in trust for his daughter Molly Kitching Matterson. Probate is granted to Mrs. Matterson, the widow, and Ernest William Gough, of Queen's Road, Belmont, Surrey.

Observations and Reflections

By Xrayser III

Congratulations

are certainly due to the Council of the Pharmaceutical Society on being accorded such a decided vote of confidence as is indicated by the figures you publish (*C. & D.*, May 18, p. 606). With a bigger poll than usual, the seven retiring members have been returned with majorities that place them far ahead of the attackers in the contest for seats at the Council table, and there can be no question for the present that the Council has the support of the great majority of the electorate. It is true that fewer than half of those who received voting papers took the trouble to return them; but the assumption is probably justified that persons entitled to vote, who do not vote when the opportunity presents itself, may not unreasonably be included among those who are satisfied with the existing state of affairs. In any case, we are now represented on the Council by those who have proved their ability to meet difficult positions, and they will probably need our sympathy as well as support in the particularly difficult position which they expect to encounter ere long.

What Trouble

has been involved in securing power to make arrangements for pharmaceutical reciprocity between Great Britain and Northern Ireland! Your account of the steps that had to be taken to arrange so comparatively simple a matter (*C. & D.*, May 18, p. 600) is most illuminating, and may be studied with profit by all those who are obsessed with the idea that recourse to Parliament is a ready means of removing hindrances to progress. If a one-clause Bill can excite opposition from people whom it does not concern in the least, what may be expected when a Bill of many clauses is introduced, and some of those clauses touch interests which are represented in Parliament? It is also necessary to take into account such antagonism as exists between co-operative societies and the P.A.T.A. This is sufficiently pronounced to make certain Labour representatives oppose anything which is believed to be in the interests of chemists and druggists; and it is quite on the cards that price protection may one day prove to be a rock on which our fortunes can be wrecked, unless negotiators on our behalf are distinguished for their tact and diplomacy.

Pharmacy Week

suggestions for a general display in October next (*C. & D.*, May 18, p. 589) are useful if not particularly original, but what irony can be read into them! The idea apparently is that we shall all with one accord proceed to enlighten the British public on the subject of our qualifications and our work. We are well known as chemists and druggists, but now mainly as purveyors of other people's packed goods. As a remedy, we are to illustrate the functions which we as pharmacists might be expected to exercise, by displays of materia medica, appliances, etc. But in some instances both materia medica and appliances will be almost as strange to those who display them as to the public which is to be impressed, and it is not at all clear what result may be expected to follow Pharmacy Week. Is there not some risk of the idea being created that all the chemists' shops have disappeared, and chemists' trade finding itself diverted to drug stores conducted by unqualified persons? To guard against this, it may be suggested that each of us who helps to celebrate Pharmacy Week should keep the title "Chemist and Druggist" prominent in his shop window, so that the public may not be misled. This precaution should not be required in the case of those of us who really practise pharmacy, but the chemist and druggist who is only a pharmacist in name might be well advised to take it. The misguided policy of endeavouring to make "pharmacist" synonymous with "chemist and druggist" and of regarding every chemist's shop as a pharmacy has much to answer for and is much to be regretted.

The Services

which a pharmacist is competent to render in gaol would seem to be appreciated in the United States, as appears from a paragraph which found a place in one of our newspapers a few days ago. A millionaire has been committed for a period of incarceration because of an alleged contempt of court. In earlier days he studied pharmacy, and now, notwithstanding the considerable lapse of time since he manipulated measures and balances (he is a middle-aged man), the prison authorities have requisitioned his services and have appointed him assistant druggist in his institution. It may be that, being a millionaire, he has already achieved his ambitions. If not, and if there should be in the prison library a copy of "The Gentle Gaffer," and if, by some other stroke of good luck, the said library should offer him Jennings' "Through the Shadows with O. Henry," he may find another temptation to step aside from the beaten track of ordinary folk and continue for a little further distance to tread in the footsteps of William Sydney Porter. It was in the Ohio Penitentiary, where he was imprisoned for some defalcation of which he himself was innocent, that O. Henry (a curious *nom de plume* selected, probably out of perversity) began to write the short stories which have made his name familiar to readers of fiction throughout the English-speaking world. He was not proud of his connection with drugs, although his father was a country doctor and he himself had spent five years in the drug store of his uncle. When admitted to the penitentiary the official interrogation only elicited from him, in the first instance, the statement that he was a newspaper reporter. It needed a further inquiry before he confessed: "I am a registered chemist." His behaviour and his services while in the penitentiary are recounted in Professor Smith's life of O. Henry, in the words of the two physicians at the prison during his detention.

For a More Intimate Account

of O. Henry's experiences in gaol and the conditions under which he succeeded in gaining an established footing in fictional literature it is necessary to turn to the pages of Jennings' book, written in a style which stamps the author as a real participant in the *milieu* of O. Henry. Jennings was one of the crowd bound to come into conflict with the "marshals" and "sheriffs" who were part of the indispensable paraphernalia of the wild country to which he belonged. Consequently, he found his way to the Ohio Penitentiary where his old "pal" and friend had, unknown to him, preceded him. The meeting of the two men is described by Jennings with such a medicinal tang that it is worth quoting—in the hope that if there are any pharmacists who need an introduction to O. Henry's tales it may serve this purpose:—"Every Sunday in the Ohio Penitentiary an attendant from the hospital visited the cells dispensing pills and quinine. The allotment was always given to the prisoners whether they needed it or not. The attendant was standing at my door. I felt his glance, but I did not meet it. And then a voice, hushed and measured, that to me seemed like sunlight breaking through a cloud, sounded in my ear. The low rich tones rippled through the black prison curtain; the waving prairies and the soft hills of the Texas ranch; the squat bungalow at Honduras; the tropical valley of Mexico; the magnificent scene in the ballroom were before me. 'Colonel, we meet again.' In all my life there has never been a tenser moment than when Bill Porter [O. Henry] spoke that simple greeting. It caught me like a stab in the heart. I felt like crying. I could not bear to look him in the face. I did not want to see Bill Porter in convict stripes. For months we shared the same purse, the same bread, the same glass. . . . Not a word had he said of his past. And here it was torn open for me to see. . . . The proudest man I have ever known was standing outside a barred door, dispensing quinine and pills to jailbirds." It was in that gaol that the "prose troubadour," as he has been called, found the right form into which to pour the music of his sympathetic heart, and by which he caught the ear of a world all too cynically inclined.

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Editorial Articles

Representation of Chemists in Parliament

WHETHER we shall soon arrive at a condition of things in which provision is made for the representation of separate interests in Parliament is open to doubt. The constitution of the late House of Commons gives little indication that we are moving in the direction of such a change. Probably the innovation would have to be preceded by a system of much more highly organised occupations than any at present known to us. But however this may be, the feeling that there is something which requires remedying in our legislative machinery grows apace. Audible murmurs of dissatisfaction with the extent to which we are overgoverned force themselves upon the public from time to time, so that it is possible that politicians may soon find it desirable to take the subject into consideration with a view to deciding what, if anything, ought to be done to allay the discontent. What the outcome of such an inquiry would probably be can only be broadly guessed. In all probability it would be found that not only are we suffering from too much legislative interference with the course of our daily lives, but also that the interference reaches us through channels which are not the best fitted to convey it. In glancing at the excessive legislative output of recent years we do not ignore the extent and complexity of the social and industrial conditions which had to be provided for; but when every allowance is made, the conclusion is still reached that much of the legislation was uncalled for and not a little of it ill-calculated to promote the objects aimed at. But it is in regard to the second aspect of the matter, the method in which the legislation has been brought into existence, that most dissatisfaction has been called forth. A tendency which had begun to manifest itself before the war of legislating by the indirect method of statutory rules and orders has taken a formidable extension since the conclusion of peace. This, while it saves in theory the principle of the supreme law-making power of Parliament, takes away in practice from both Houses the effective control over the administrative substance of statutes and vests it in one or other of the Government departments. The method by which the principle of the law-making power is saved to Parliament is specious, and might with suitable safeguards for its effective functioning preserve the spirit as well as the letter of the constitution. The rule ordinarily applicable to those statutory rules and orders is that even after they have been made and published by the department authorised to promulgate them, they must not come into force until they have lain for forty days on the tables of both Houses of Parliament; and during this time it is open to Parliament to suspend, annul or otherwise deal with them as it thinks fit. Whatever may be the adequacy of this safeguard in theory, experience shows that it has next to no effect in

actual practice, and the result is that the power of officials to carry through statutory rules and orders dealing with matters touching nearly every phase of the citizen's life is unchecked. As this is becoming more and more the subject of comment by critics, it is likely that some attempt will be made to remedy it—with whatever success. It might perhaps be provided that no statutory rule and order should come into force until its desirability and adequacy had been established to the satisfaction of a committee of either or both Houses of Parliament. Such a proposal would, of course, not appeal strongly to the department responsible for the rule and order, and it is by no means certain that the necessary committees which would be capable of carrying through the technical work of revision could be got together. But if such a difficulty were found to exist, it would only emphasise the suggestion we have made as to the need of representation for various interests in Parliament; and the discovery could be relied on in time to bring about its remedy. The position of chemists and druggists is one which demands special attention from this point of view. Statutory rules and orders in which they have been particularly interested have been issued in bewildering profusion about national health insurance, "dangerous" drugs and other subjects by the Government departments authorised to issue them. It would be idle to suggest that these orders could not be improved and made of more practical value by the application of the technical skill and knowledge of chemists' representatives in Parliament. What applies to statutory rules and orders has at least equal and certainly more immediate relevance to ordinary legislation. Amendments called for in various branches of the law touch chemists' interests closely, and can only be adequately carried through in the light of the experience and technical knowledge possessed by those who have a special acquaintance with the business of chemists. The questions of medicated wines and the early closing of shops may be cited as instances. The whole matter well deserves the attention of the bodies engaged in watching the general interests of chemists and druggists.

The Position of Shellac

CLEAR evidence of resistance in the shellac market to adverse statistical features, at least on this side, has been afforded by the recent considerable improvement in prices to upward of £200s. per cwt. both for spot and forward deliveries of standard TN Orange. Incoming supplies so far this year have been on a much larger scale, and this has resulted in warehouse stocks mounting up substantially to figures not seen for several years, as indicated later, and the generally stronger aspect of the market has caused some little surprise to close observers. There is certainly an abundant spot supply to draw from, as at the end of last month there was about four months' requirements available, if the figures are calculated on the monthly averages of deliveries so far this year. Therefore, it is not easy to account for the recent upward trend of prices, although the world's consumption is undoubtedly well maintained, if not at a further progressive rate. There have apparently been stronger factors at work between the source of supply and consuming centres, particularly America, which tended to strengthen sentiment on this side. Another factor has been the recent tightening of the position at Calcutta, which was attributed to a shortage of stock, although this could only be temporary and may have been exaggerated. At it is, prices in Calcutta at one period under review advanced considerably under covering purchases by dealers in connection with the completion of contracts for export to the United States, where business has broadened out as a result of a much freer trade demand. In America there is no doubt that the outlet for shellac in the manufacture of gramophone records has experienced a marked

expansion and possibly more than has been the case in other countries. Possibilities as to a further development are held to be an important point as to the future of shellac, despite the attempts which have already been and are likely to continue to be made to manufacture "synthetic" lac for this purpose at a much reduced cost. Whatever may eventually prove to be the merits of "synthetic" lac it cannot be said that the aspect of the market has been in the least affected. Our usual figures, indicating the monthly average of landings and outgoings in London in recent years, are as follows:—

London (in cases)	Monthly averages		Stocks at end of period
	Landings	Deliveries	
1925	4,918	4,851	10,847
1926	5,515	5,078	15,894
1927	6,811	6,883	15,371
1928	7,463	7,122	19,469
1929 (January–April) ..	9,059	6,983	27,774

It will be seen that imports for the four months at 9,059 cases were much heavier and considerably in excess of the calls made on the market. This, therefore, led to an abnormal accumulation of stocks, to which, however, even now no undue importance need be attached as already contended on March 23 (*C. & D.*, pp. 359-60). The trade takings so far this year have again been considerably increased. The complete London returns for the four months with comparisons for the preceding five years are as follows:—

Cases	1924	1925	1926	1927	1928	1929
London landings (January–April)	19,001	21,749	26,369	27,663	28,203	36,236
London deliveries (January–April)	19,395	20,608	21,474	22,961	33,570	27,931
London stocks (April 30) ..	14,942	10,943	15,742	20,596	10,004	27,774

The increase in the stocks for last month was exceptionally heavy, amounting by 5,736 cases to 27,774 cases, which is very striking as compared with the low level of about 10,000 cases a year previous, but 20,596 cases two years ago. The movement of supplies this month will probably be much smaller than during April, this applying to either arrivals or deliveries, and stocks may possibly disclose no important alteration. Recently, prices at Calcutta rose sharply in the neighbourhood of 95 rupees, but last week declined to about 90 rupees, which was fully reflected in the terminal market here, and the spot price was slightly reduced, with no indication of selling pressure. The United States has been responsible for the much heavier quantities imported direct from Calcutta during April. The total shipments in that month to all ports indicated an increase of about 50 per cent. compared with April, 1928, but this excess was taken by America alone, which country has also absorbed the bulk of the Calcutta shipments of seedlac and sticklac.

Chemotherapy Redefined

THE fact that a recent report of the Privy Council's Committee for Scientific and Industrial Research recommends a grant, commencing at £2,000 per annum, towards research to be carried out in chemotherapy by a joint committee set up by the Department and the Medical Research Council lends interest to existing definitions of the word. The report states that "chemotherapy" is a name originated by Ehrlich to denote "the organised search for and practical application of substances, whether natural or artificial, which would act as remedies for infection by specific elimination of the infecting organism," and adds that the joint committee considered the possibility of search for "substances which may have either specific action on infecting organisms, or no chemotherapeutic action in this sense, but activity of potential value in the treatment of symptoms." It may be hoped that the joint committee is not under the illusion that everything "of potential value in the treatment of symptoms" belongs to the

domain of chemotherapy. A useful summary of the work of Ehrlich and his followers was given by Sir Almroth Wright in a recent issue of "The Lancet." Sir Almroth expressed, with his usual lucidity, the view that Ehrlich's appellation was unfortunate, on the ground that properly it should belong to every form of chemical treatment, and proceeded to give the following glosses:—

(1) Chemotherapy, in Ehrlich's sense, signifies aggressive chemical action exerted on a biological element which is parasitic upon the organism. In other words, chemotherapy, in Ehrlich's sense, means for all ordinary purposes: *specific parasitocidal chemotherapy*.

(2) Further, chemotherapy, as understood by Ehrlich, signifies chemical action, which, while attacking parasitic elements, leaves the organism fundamentally unaffected. (In other words, chemotherapy, in Ehrlich's sense, would, expressed in his terminology, be: *specific parasitocidal, predominantly monotropic chemotherapy*).

(3) Lastly, the chemotherapy Ehrlich had in view was treatment by artificially manufactured chemical products, as distinguished from products elaborated in the animal organism in response to infection or vaccination. In conformity with this, Ehrlich's chemotherapy would be properly described as: *specific parasitocidal, predominantly monotropic pharmacotherapy*.

Probably, however, it is too late to change a word having an internationally accepted meaning. It may be added that Ehrlich, in conversation, used to point out that the action of any effective chemical substance must be lethal for the nucleus of the bacillus at which it is directed.

Eucalyptus Oil Production

THE future position of the eucalyptus oil industry is receiving considerable attention in Australia, and some interesting points are discussed in "The Chemist and Druggist of Australasia" of March 9, 1929. The Forests Commission of the Victorian Government recently decided that private distillers were not making the best of their opportunities, and it was decided to test the whole industry by establishing an experimental distillery near Tarnagulla. It was concluded that the methods of private distillers were inelastic, and that from a given quantity of leaves twice as much oil as at present yielded could be obtained. Another argument of the Forests Commission was that different kinds of leaves often require modifications of process, and that, speaking generally, the distillers were not using the appropriate treatment. It was pointed out that the Government had no intention of competing in the open market and that the research would be carried out in the hope that the discoveries would eventually benefit private enterprise. Tremendous opposition has been experienced, and the project has been described as "a futile and unwarranted interference with an established industry." However, there was no stopping the machinery of the Government, and operations were duly commenced on the installation of plant at Tarnagulla. As time went on a public meeting was held at Tarnagulla to discuss the Ministry's proposal to dispose of the eucalyptus plant at Waangarra. It was contended by a speaker that it would be in the interests of Tarnagulla and the State for the Government to retain the plant already erected. Experimental work, it was suggested, should be continued and better marketing methods investigated. After further discussion the Minister (Mr. Pennington) agreed to suspend further work of installation, and asserted that as the oil was practically unsaleable the Government would not be justified in working the plant. He regretted that the industry was in such a bad way, and he would personally consider any offer of local co-operation. There was a feeling in the district that the opening of a State distillery would have provided additional employment, but the same effect could be obtained by extending the forest thinning work. An application is to be made to the Treasury for money for this purpose. During the discussion it was stated that the supply of eucalyptus oil greatly exceeded the demand, and besides a stock of twenty tons held by the Forests Commission there were also, in the hands of private distillers, large quantities, for which no market could be found. Prices are very low, and though values have been stable during the past winter, it seems certain that production will be curtailed unless a more economic return is available to the distillers.

New Books

Lindley-Jones, W.—*The Mercantile Year-Book and Directory of Exporters*. 7 in. by 4½ in. Pp. 1014. 20s. 9d., post free. Lindley-Jones & Brother, Ltd., 32 Bishopsgate, London, E.C.2. [This, the forty-third annual issue, is edited by the founder of the book. Its classified lists of merchants, agents and merchandise cover the greater part of the world, and each year sees an increase in its usefulness.]

The "Swift" *Percentage of Weight and Weight Computing Reckoner*. 7½ in. by 4½ in. 4s. Gall & Inglis, 51 Henrietta Street, London, W.C.2. [This reckoner has been designed to give the percentages of weight from ½ oz. to 9 lb., and lbs. from 1lb. to 150 lb., that have to be used in calculating the components of any batch. A supplementary use of the tables enables the total weight of any number of articles, each weighing from ½ oz. to 9 lb., to be calculated, and a consignment checked; or in stocktaking, the uncounted quantity of an article on hand to be found simply by taking the weights.]

Naphtali, M.—*Chemie, Technologie und Analyse der Naphthensäuren*. 9½ in. by 6½ in. Pp. 144. Marks 14. Wissenschaftliche Verlagsgesellschaft m.b.H., Stuttgart. [Naphthenic acids occur in several petroleum oils in small percentage, and in the course of refining these oils large quantities are produced which are utilised in the manufacture of soaps, varnishes, etc., indeed, greater use would be made of these products were it possible to effect their deodorisation, a problem which has not yet been satisfactorily solved. In this work the author describes the occurrence and production of naphthenic acids, their chemistry, physical characters and physiological action, as well as the constitution of the known acids, their analysis, and industrial uses.]

Brieger, R.—*Pharmazeutische Synonyma*. 8½ in. by 5½ in. Pp. 282. Marks 16. Verlag von Julius Springer, Berlin. [A dictionary of official titles and their synonyms compiled from various pharmacopœias at present in force, as well as from previous editions. Although the Latin designations receive chief consideration, many English, French, Italian, Spanish and Dutch titles are included, without, however, any reference to the fact that in many instances the same title is applied to denote preparations of varying strength or presenting differences in their composition. The use of the work is facilitated by strict adherence to alphabetical arrangement; in the case of articles figuring in the German Pharmacopœia the official Latin title is followed by its synonyms and designations in other languages, otherwise reference is made to the corresponding Latin title, in the form adopted by the German Pharmacopœia, e.g.: cod-liver oil—oleum jecoris aselli; potassii iodidum—kalium jodatum.]

Falcioni, P.—*Trattato di Chimica Analitica Qualitativa*. Vol. I. 9½ in. by 6½ in. Pp. xx + 512. Lire 75. S. A. Istituto Editoriale Scientifico, via Monte Napoleone 35, Milan. [This is the first volume of a treatise on analytical chemistry. A short outline of the development of the subject is followed by notes on physico-chemistry dealing with those phenomena which are common in analytical work. Operations and technique in analysis are described, and the preparation of reagents. Pp. 135-496 treat systematically the cations (bases) of the various groups. Two sizes of type are used in the text, the larger font describing only the essential portions of the subject, while the information given in smaller type is of a more advanced character. The text is illustrated with numerous diagrams. Recent literature has been drawn on and copious footnotes and references enhance the value of the book. A great amount of information is tabulated, and much data bearing on analytical work is included. A feature of the work is the tables showing the sensitivity of the reactions with the various cations, authority and reference being quoted. A table giving the solubilities of compounds of the bases in various common solvents is given for each member of the groups. The second volume is in course of preparation, and will deal with reactions of acids and systematic analysis.]

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts

Local Reports

ENGLAND AND WALES

Blackburn.—A question arose at a meeting of the Blackburn Insurance Committee, on May 16, as to whether a prescription for saccharin tablets could form a proper charge on the Drug Fund. The Panel Committee stated that as the tablets were required for a diabetic patient they should form a proper charge. Alderman Grimshaw said saccharin was not a drug, and should not form a charge on the funds. If saccharin could be supplied numerous other articles in the same category which were not drugs, could also be supplied. He felt they must draw a line somewhere. Mr. Hindle thought they should refer the matter to the Minister of Health, as there appeared to be no definition of a drug in the regulations. The only reference was that drugs included "medicines," and clearly saccharin was not a medicine.

Cornwall.—At a meeting held recently, the Insurance Committee discussed an allegation made against a chemist that he had altered a prescription. The chemist complained that the writing on the prescription was very light, and he had given it the best interpretation he could. The committee fined him £2 2s. The clerk said that complaints had been made verbally about bad writing, but not officially. Mr. Vivian said that four chemists had asked him to appeal to the medical profession to make their prescriptions as plain as possible, so as to avoid any misunderstanding or error. A member suggested that it would be more satisfactory if any complaints were made in the proper way in writing instead of through individual members. The chairman: I don't see how doctors can improve their writing on the spur of the moment.

Coventry.—It was resolved at a recent meeting of the Insurance Committee that the sum of £538 17s. 8d. be paid forthwith to chemists on the list for 1928, being the difference between £3,753 8s. 6d., the amount of dispensing fees advanced for 1928, and £4,292 6s. 2d., which is 104.15 per cent. of the certified total dispensing fees of £4,121 5s. 9d., settlement in full for ingredient charges having already been made.

Cumberland.—At a meeting of the Insurance Committee on April 26, the Pharmaceutical Service Subcommittee reported on an excess of acid nitric dil. which was found in a sample that had been analysed. The chemist from whom the sample had been obtained had attended before the Committee, and he said that the stock was taken over when he acquired the business nine years ago. The preparation had never been dispensed during that time. His wife, who had been in the dispensing business for 14 years, took charge during his illness. The correct quantity was dispensed but the fault was in the acid. The Subcommittee considered that the explanation was satisfactory. The clerk said that he had reported to the Ministry, but that another letter had been received, stating that the facts as disclosed were such as to warrant the withholding of a portion of the amount due to the Committee with a corresponding deduction from the chemist's remuneration. The Ministry also wanted to know whether the chemist's wife was fully qualified. In the opinion of the Committee the case had been met by the caution, personally administered to the chemist by the Subcommittee. They had to bear all the circumstances of the case in mind. The chemist's wife was not a qualified chemist, but she had had considerable experience, and no other person could be got at the time. It was moved that the Subcommittee's action be confirmed. Mr. Townley seconded the motion, and said that the Ministry was making a mountain out of a molehill. There had been no error in the dispensing of the medicine. It was quite a simple matter after all. The chairman said he agreed with that. The Subcommittee's report was then adopted. The Pharmaceutical Subcommittee minutes stated that they had considered the report of the analyst on a sample of medicine which it was alleged showed a deficiency of 17.3 per cent. of pot. iodide. The chemist stated that there was no intention to give a shortage, but he had forgotten to put in the

drachm of solution. The bottle was an 8.2 fluid ounce bottle instead of an eight fluid ounce bottle, and it was the first of a new batch. The Subcommittee recommended that 10s. 6d. be deducted.

Kent.—At a meeting of the Insurance Committee, on April 10, the Pharmaceutical Service Subcommittee reported on a case in which a firm of chemists were invited to appear before them upon it being discovered that a number of prescriptions had been altered to make it appear that medicines or dressings to a greater value than those ordered had been supplied. The sum involved would not exceed £5. The secretary admitted that the alterations had been made fraudulently by the manageress. The Subcommittee had formed the opinion that it was a case in which leniency would not be misplaced. The acts were foolish and must have been to a large extent thoughtless, since in the greater number of instances the amount gained was infinitely small and in some cases less than 1d. The Committee thought it hardly a case to make representations that the firm should be removed from the list. The manageress accepted sole responsibility. The Committee recommended that the amount overpaid be recovered, that the firm be severely censured, and that the case be referred to the Minister of Health with a suggestion that a substantial amount be withheld with a view to its recovery by deduction from the remuneration payable to the company. The Dispensing Subcommittee reported that a satisfactory arrangement had been made for the supply of drugs at East Malling where no chemist existed, the doctor leaving the prescription with the chemist at West Malling selected by the patient and the chemist sending the medicine to a dépôt at East Malling to be collected by the patient. Reference was made to the death of Mr. H. C. H. Oliver, chemist and druggist, West Malling.

Oldham.—At a meeting of the Insurance Committee on April 15, it was reported that the total cost of drugs and appliances supplied to insured persons during 1928 was £14,574, compared with £15,521 during the preceding twelve months, or a decrease of £947. The cost per head was 47.6d. against 51.3d. The total number of prescriptions had been 391,734 against 412,579 during the previous year and 307,126 in 1924. Oldham's figure of 47.6d. per insured person was exceeded only by Preston, where the average cost per insured person was 47.8d. It had been estimated by the Bureau that the first quarter of 1929 would prove the most costly yet experienced, owing to the influenza epidemic. Figures for the first two months showed that in January throughout the area the total prescriptions cost £1,435 against £1,467 in January of 1928, and in February £1,762 compared with £1,391. A local chemist reported that a parcel of prescriptions had been lost in transit between his shop and the local office. The prescriptions showed that £26 6s. 2d. was due to him. It was agreed that payments be made to the chemist based on the above figures, subject to the approval of the Ministry.

SCOTLAND

Lanark.—The following pharmacists on the panel of the Insurance Committee for the County of Lanark were elected members of the Pharmaceutical Committee at a meeting held on May 1 in Glasgow:—Messrs. James R. Watson, Shettleston; James Lohar, Hamilton; T. B. Forrest, Carlisle; P. M. Hancock, Burnbank, Hamilton; Arthur Flett, Uddingston; Alex. W. Hendry, Blantyre; James Garvie, Cambuslang; John Johnstone, Coatbridge; John S. Simpson, Larkhall; J. C. Rennie, Wishaw; William Ferguson, Motherwell.

Perth.—In view of the approaching re-organisation as at June 1 of Scottish Insurance Committees, the following panel chemists have been appointed to the County of Perth Pharmaceutical Committee:—Messrs. J. J. Forbes, Wm. Fulton, N. M. Lindsay, J. C. Smail, J. B. McDonald (chairman), Perth; J. D. Petrie, Blairgowrie; J. S. Stewart, Auchterarder. The following were appointed to represent the Burgh of Perth Pharmaceutical Committee:—Messrs. J. Bryden, J. J. Forbes, Wm. Fulton, N. M. Lindsay (chairman), J. C. Smail. Mr. Thomas Harley, 55 South Methven Street, Perth, was appointed secretary to both committees.

Merchandise Marks Act

IMPORTED GLASSWARE

(Continued from C. & D., p. 575)

Mr. FOSTER replied that the whole tendency of the prices of glass bottles lately had been to fall and the foreigner always endeavoured to keep his price a little below that of the British firms.

Replying to Mr. Comyns Carr, who cross-examined for the opponents, Mr. FOSTER denied that British makers cannot manufacture bottles which will withstand heat and pressure, and he contended that if there were a sufficient demand the necessary plant would be installed. There had been certain difficulties, but he claimed British makers had got over them and bottles were now being made for containing liquids, etc., for tropical climates.

Mr. E. J. NORTON, secretary of the City Glass Bottle Co., of Canning Town, gave similar evidence, and added that there were cases in which the large buyer did not know whether he was buying British or foreign bottles, when buying from a wholesale merchant, unless he specified one or the other.

Evidence was next given by representatives of the trades unions connected with the bottle and container trade in support of the application. The inquiry was adjourned until Tuesday, when Mr. S. A. Coed-Pryor, chief chemist to the United Glass Bottle Manufacturers, said that as a result of carefully investigating the problem of producing a bottle which would stand the heat and pressure involved in pasteurisation of beer, milk, etc., his firm had been able for some time past to produce satisfactory bottles, and he repudiated the suggestion made by the opposition that suitable bottles for this purpose cannot be obtained in Great Britain. The whole problem was deciding upon the height to which the bottles were to be filled so that the manufacturers of the bottles knew the amount of air space to leave. At the same time, the trouble had mainly been with the large bottles, and as a matter of fact, at the present time bottles of all sizes for use in pasteurisation were being bought in increasing quantities from British makers. His company, which was the largest manufacturer of glass bottles in England or Europe, would now guarantee all their bottles to withstand the temperatures and pressures involved in pasteurisation, at the same time filling the bottles to a commercial level.

Under cross-examination, witness stated that the difficulty had now been overcome for some two years and it was now generally well known that suitable bottles could be obtained in this country from British manufacturers.

Mr. D. R. ROBERTSON (assistant manager of the Canning Town Glass Works) also gave evidence to the effect that the difficulties experienced some time back in connection with glass containers for foods have now been overcome.

Mr. MORRIS cross-examined witness as to the confusion likely to be caused in the minds of purchasers of such glass containers filled with food inasmuch as usually they were exhibited in the windows upside down in order that the contents might be seen and examined. If, said counsel, the glass was marked "foreign," the purchaser would surely be led to believe that the contents also were foreign.

Mr. ROBERTSON suggested that this difficulty could be got over by marking the containers "glass, foreign." He added that there was a greatly increasing number of British containers of this type being manufactured.

Mr. MORRIS suggested that if British containers of the right quality could be obtained in this country at the right price, there would be no need for any imports, and therefore no need for any marking order.

Mr. ROBERTSON, however, said he held the view, with others, that the ultimate purchaser should have an opportunity of knowing whether the article he was buying is British or not.

TUESDAY'S PROCEEDINGS.

Mr. WETHERED (Counsel for the applicants) read a resolution which was passed on November 25, 1928, by the Pressed Glass Makers' Society (a body whose mem-

bership comprises the skilled workers in the industry) in support of the application.

Mr. B. S. STRAUS, J.P. (chairman of Virol, Ltd., and who also had authority to represent Bovril, Ltd.), gave evidence against the application. Both these companies, he said, were very large users of glass containers for the packing of food products, and Virol, Ltd., had used British bottles exclusively, except for a period during the war, when they had been unable to obtain British-made bottles and had obtained supplies from the U.S.A. It was quite possible that, as the result of strikes and hold-ups in the glass industry in this country, they might at any time be compelled to pack their products in bottles of foreign origin, and it would be exceedingly prejudicial to their business if they were compelled to send out their products in bottles bearing a mark of foreign origin. Such marking of the containers would suggest to many people that the contents also were foreign, and would greatly prejudice the goodwill of the British-made article. It would also create prejudice in the Dominions, where the necessity for the use of such bottles might not be understood. The bulk of the bottles used at present were marked "made in England," but if it should become necessary at any time to use foreign bottles, and there were a sudden change over to bottles with an indication of foreign origin, complaints would be made by buyers and they would be very chary about buying. Such a change would have a very serious effect indeed upon the sales of food products. The glass bottles which had been obtained from the United States during the war were excellent; he believed it was the best glass his company had ever had, and the wastage was infinitely small. There had been an enormous number of throw-outs of English bottles when they were first used, but he was glad to say that the number had since been very much reduced. As to price, taking all charges into consideration, there was very little difference between the foreign and British.

Mr. WETHERED (cross-examining) suggested a marking which would indicate that the container was foreign but that the contents were British. No sensible person would then impute that the contents were foreign.

Mr. STRAUS replied that buyers were not all sensible, and that if they saw an indication that the containers were foreign the trade would be prejudiced.

Mr. WETHERED pointed out that Virol and Bovril had a reputation for supplying British goods, and that if they supplied those goods in foreign bottles which were not marked, and did not want the public to know the bottles were foreign, they were misleading the public.

Mr. STRAUS replied that they did not wish to mislead. Not only would the marking affect the trade, but the making of an Order requiring foreign bottles to be marked would lead the British bottle manufacturers to increase their prices.

Mr. WETHERED said that there was a great deal of competition between British manufacturers.

Mr. STRAUS replied that probably there were also working agreements.

Mr. WETHERED said he was informed that there were no working agreements between the manufacturers.

PERFUMERY BOTTLES

Major J. H. B. WIGGINTON, M.C., T.D. (a director of some of the associated companies of Lever Bros., Ltd.), gave evidence against the application, and said he had been nominated to do so by the managing director of Lever Bros., Ltd. The associated companies manufactured soaps and perfumes and kindred articles for home and export trade, and had all definitely recorded the view that the proposed compulsory branding of imported containers was undesirable. They were substantial users of glass containers, certain types of which they purchased from British glass factories, whose products were satisfactory, but other types they could not obtain in this country. In 1920 or 1921 he had offered a certain British manufacturer financial assistance to produce a certain type of perfume bottle, the figure of £20,000 being mentioned in this connection, but the manufacturer concerned had stated definitely that it was impossible to make it in this country.

(To be continued.)

German Foreign Trade

THE following table of imports and exports of chemicals, drugs, etc., giving the amounts in kilos. of those articles enumerated, compared with figures for the previous year, has been compiled from the latest published returns of the Statistical Bureau of the German Reich for 1928. Figures are quoted where possible for trade with Great Britain and parts of the British Empire, the United States of America and other countries whose trade is important or of interest to British importers or exporters. The country of origin or destination is only given in the official statistics when the volume of trade with Germany amounts to at least 150,000 marks during the whole of 1928. The total imports during 1928 amounted to 65,981,105 tons, compared with 68,093,759 tons in 1927, while exports (not including reparations deliveries) were 45,044,358 tons in 1928 and 46,949,935 tons in 1927. Goods delivered as reparations were 15,830,705 tons. The total value of imports amounted to 15,012,287,000 marks in 1928, compared with 14,466,332,000 marks in 1927. Exports were valued at 11,426,565,000 marks in 1928 and 10,245,284,000 marks in 1927. These do not include the value of goods delivered as reparations. From the classification adopted in the statistics the following figures, including reparations deliveries, appear in Group 2, "mineral and fossil raw materials, mineral oils": Imports amounted to 33,568,840 tons in 1928, compared with 34,503,273 tons in 1927, valued at 1,075,364,000 marks and 1,125,021,000 marks respectively. Exports were 43,066,083 tons (1927, 45,174,788 tons). The value of these was 983,431,000 marks for 1928 and 1,124,371,000 marks the previous year. In Group 3, "oils, fats, soaps, waxes and kindred products," imports amounted to 38,988 tons (1927, 36,804 tons), while exports were 39,398 tons in 1928 and 33,939 tons in 1927. The value of exports was 44,106,000 marks in 1928. Group 4, "chemical and pharmaceutical products, dyes and dye-stuffs," shows imports amounting to 1,900,613 tons, compared with 1,569,216 tons in 1927. Exports in this group were 5,547,561 tons in 1928, compared with 4,837,907 tons in 1927, the values being respectively 1,314,588,000 and 1,189,927,000 marks.

	Imports		Exports	
	1927	1928	1927	1928
	Kilos	Kilos	Kilos	Kilos
Acetaldehyde; paraldehyde ..	161,800	27,400	80,800	58,400
Acid, acetic; acetic anhydride ..	310	700	8,389,900	8,900,600
Great Britain ..	—	—	3,726,700	3,726,700
Holland ..	—	—	2,408,200	—
Acid, benzoic, and benzoates ..	52,100	36,500	437,200	492,900
Acid, boric; borax ..	5,290,300	7,677,400	1,692,700	1,059,000
U.S.A. ..	—	6,841,300	—	—
Acid, citric ..	456,800	558,900	17,400	14,700
Great Britain ..	—	69,200	—	—
Italy ..	—	453,900	—	—
Acid, formic, and formates, n.e.s. ..	—	1,900	4,961,600	5,107,700
Great Britain ..	—	—	—	480,200
U.S.A. ..	—	—	—	832,100
Acid, hydrochloric ..	432,600	2,142,600	15,167,000	17,227,700
Acid, nitric ..	1,258,100	2,609,100	*28,725,600	*31,115,300
Acid, oxalic; acid pot. oxalate ..	6,800	24,000	4,829,200	4,812,500
Great Britain ..	—	—	—	550,200
U.S.A. ..	—	—	—	441,400
Acid, salicylic, salicylates ..	6,400	7,300	345,000	425,700
Acid, sulphuric ..	63,201,500	118,333,800	82,495,400	54,163,200
Belgium ..	—	76,877,900	—	—
Acid, tannic ..	25,000	28,500	529,800	515,400
Great Britain ..	—	—	—	63,500
Acid, tartaric ..	227,100	87,200	3,307,200	3,327,500
Great Britain ..	—	—	947,000	—
Alkali metals ..	17,400	1,637,800	217,200	175,500
Alkaloids of cinchona and compounds ..	18,394	12,703	121,061	141,334
Great Britain ..	—	—	—	6,239
Brit. India ..	—	—	—	12,386
Alkaloids, n.e.s. ..	56,635	66,974	1,326	185,244
Great Britain ..	—	—	—	8,949
U.S.S.R. ..	—	—	—	21,529
China ..	—	—	—	22,103
U.S.A. ..	—	—	—	37,263
Ammonia ..	275,900	377,600	25,349,000	4,954,500
Ammon. carbonate ..	2,500	10,600	3,226,300	3,293,300

	Imports		Exports	
	1927	1928	1927	1928
	Kilos	Kilos	Kilos	Kilos
Ammonium di-sodium phosphate ..	132,000	54,200	15,759,600	46,498,000
Great Britain ..	—	—	—	1,680,500
Japan ..	—	—	—	9,363,700
U.S.A. ..	—	—	—	9,126,200
Ammon. chloride ..	25,000	21,900	25,513,300	35,580,600
Ammon. sulphate ..	283,300	239,600	669,067,700	837,257,200
Anilin ..	126,400	103,600	2,342,200	1,738,600
Arsenic, white arsenic, arsenic acid and other compounds ..	431,100	705,000	2,745,000	2,711,300
Barium chloride ..	—	608,000	3,002,000	867,900
Barium carbonate ..	—	7,000	9,267,000	10,996,600
Bismuth salts and compounds, n.e.s. ..	1,100	1,500	90,400	66,600
Bromides; pot.; sod.; ammon.; iron ..	1,000	4,300	669,900	*584,000
Great Britain ..	—	96,600	—	—
Bromine ..	—	—	234,600	183,700
Great Britain ..	—	—	98,600	157,000
Camphor; vanillin ..	201,200	257,600	2,110,100	1,921,900
Switzerland ..	—	96,400	—	—
Japan ..	—	90,100	—	—
Great Britain ..	—	—	—	40,900
Brit. India ..	—	—	—	205,700
U.S.A. ..	—	—	—	768,300
Cardamoms ..	60,600	63,500	—	—
Brit. India ..	—	34,800	—	—
Ceylon ..	—	16,500	—	—
Catechu ..	667,100	461,400	—	—
Brit. India ..	—	235,000	—	—
Caustic potash ..	51,700	84,400	30,698,200	30,443,100
Great Britain ..	—	—	—	2,683,300
U.S.A. ..	—	—	—	4,615,500
Caustic soda ..	75,700	95,000	11,297,700	15,910,700
Chloroform; chloral hydrate ..	17,800	20,400	248,900	309,200
Cinchona bark ..	177,700	1,845,200	55,300	39,900
Cinnamon ..	236,300	245,900	—	—
Ceylon ..	—	220,100	—	—
Cloves ..	638,100	532,500	—	—
Brit. E. Africa ..	—	407,400	—	—
Cocoa butter ..	—	—	1,797,300	1,379,600
Great Britain ..	—	—	—	76,500
Belgium ..	—	—	—	364,300
Holland ..	—	—	—	478,500
Copal ..	6,025,300	5,991,100	520,100	628,400
Colloidion ..	3,800	1,100	32,400	50,500
Copper sulphate; copper and iron sulphate ..	877,500	562,300	12,914,800	14,789,000
Cotton wool, surgical ..	1,800	7,500	1,167,100	1,243,200
Great Britain ..	—	—	—	377,400
Cresol, commercial ..	972,200	2,169,400	4,888,000	4,167,200
Great Britain ..	—	862,600	—	—
Cream of tartar; Seignette salt ..	2,235,000	3,494,200	314,000	281,800
Cyanides of potassium and sodium ..	19,100	7,700	3,539,300	4,167,500
U.S.A. ..	—	—	—	2,549,300
Dextrin ..	3,158,900	2,515,900	2,401,300	2,758,700
Eau de Cologne ..	—	—	338,200	344,900
Brit. S. Africa ..	—	—	42,100	50,700
Brit. India ..	—	—	36,900	31,700
Australia ..	—	—	47,400	40,900
Ether ..	—	—	231,900	300,700
Ferrocyanides of potassium and sodium ..	28,100	22,300	634,600	652,300
Fusel oils, amyl, butyl, propyl alcohol ..	285,900	477,600	*710,200	*1,125,900
Great Britain ..	—	—	321,800	244,900
Gelatin ..	542,600	729,500	1,298,500	1,598,500
Belgium ..	—	—	—	161,000
Great Britain ..	—	—	—	210,700
U.S.A. ..	—	—	—	565,100
Ginger ..	175,600	177,200	—	—
British India ..	—	44,900	—	—
Japan ..	—	76,900	—	—
Glycerin, crude ..	3,054,400	3,967,500	1,886,600	2,442,800
Great Britain ..	—	416,800	—	—
U.S.S.R. ..	—	1,661,900	—	—
Holland ..	—	—	—	1,842,600
Glycerin, pure ..	278,800	152,300	4,925,100	4,423,800
Great Britain ..	—	—	—	287,700
Holland ..	—	—	—	2,439,100
Gold; platinum; salts and compounds ..	3	22	4,652	5,656
Great Britain ..	—	—	—	773
Czechoslovakia ..	—	—	—	3,165
Hexamethylene tetramine ..	200	500	93,600	68,900
Honey; artificial honey ..	7,834,000	9,371,500	6,800	23,300
Chile ..	—	1,028,500	—	—
Cuba ..	—	1,354,800	—	—
U.S.A. ..	—	2,879,000	—	—

	Imports		Exports	
	1927	1928	1927	1928
	Kilos	Kilos	Kilos	Kilos
Iodides: pot.; sod.; ammon.	500	700	81,900	†72,000
Iodine	371,500	323,400	128,700	94,700
Great Britain	—	29,800	—	—
Chile	—	279,900	—	—
Lead acetate	1,500	—	1,468,400	1,317,500
Great Britain	—	—	524,800	391,100
Brit. India	—	—	340,700	213,300
Lead oxide	581,800	651,100	2,274,900	2,074,700
Magnesium sulphate	49,200	—	68,081,900	93,942,000
Great Britain	—	—	—	24,057,700
Mercury and amalgams	724,100	1,328,100	33,600	47,200
Mercury salts and compounds	44,100	66,400	121,800	153,900
Milk sugar	3,700	600	2,193,000	2,174,500
Great Britain	—	—	—	327,200
Mineral water salts, natural and artificial	114,700	46,400	37,100	16,600
Myrabolans	86,099	9,435,800	—	—
Brit. India	—	8,554,700	—	—
Naphthalin	3,681,600	4,296,100	12,851,500	21,923,300
Naphthol, naphthylamin	1,100	9,600	1,151,500	965,000
Oil, castor	8,287,700	8,292,300	71,900	77,100
Belgium	—	3,700,300	—	—
Great Britain	—	4,324,100	—	—
Oils, citrus	166,000	167,100	—	—
Italy	—	112,300	—	—
France	—	20,500	—	—
Oil, coconut	1,068,200	6,255,400	12,385,600	19,030,900
Great Britain	—	—	—	15,482,200
Oil, cottonseed	11,746,900	5,889,500	15,400	8,900
Great Britain	—	3,811,200	—	—
Oil, ground nut	2,658,600	1,454,900	23,817,000	37,994,800
Oil, linseed	19,984,200	13,239,400	2,506,300	4,691,100
Great Britain	—	—	—	393,100
Austria	—	—	—	1,335,100
Oil, olive	1,105,900	1,324,100	22,800	25,100
France	—	576,300	—	—
Italy	—	499,500	—	—
Spain	—	184,200	—	—
Oil, palm	17,253,600	20,267,600	527,500	264,500
Brit. W. Africa	—	15,464,900	—	—
Oil, palm kernel	983,300	1,846,900	25,434,500	38,204,200
Oil, rape	954,600	1,006,800	651,800	446,500
Great Britain	—	471,700	—	—
Japan	—	407,200	—	—
Oil, sesame	173,800	73,800	281,500	682,300
Oil, soya bean	11,471,600	1,118,500	15,723,000	33,176,000
Great Britain	—	—	—	6,244,600
Holland	—	—	—	4,058,900
Oil, wood	6,082,300	6,662,600	295,800	282,500
China	—	6,609,600	—	—
Ozokerite	107,000	306,900	1,269,400	1,483,200
Pepper	4,579,100	5,287,600	—	—
Brit. India	—	1,238,200	—	—
Malacca	—	390,300	—	—
Dutch E. Indies	—	3,539,600	—	—
Perfumed oils and fats	66,100	80,200	396,800	579,400
Pharmaceutical products, n.e.s.	131,300	167,200	*2,041,200	*2,640,500
Great Britain	—	—	32,300	40,000
Brit. India	—	—	80,300	82,700
U.S.A.	—	—	68,600	76,400
Japan	—	—	—	119,300
Pharmaceutical products, n.e.s., not prepared	19,800	29,600	*1,687,100	*1,882,900
Great Britain	—	—	73,200	98,800
U.S.S.R.	—	—	—	109,500
Switzerland	—	—	—	137,300
Japan	—	—	—	339,700
U.S.A.	—	—	90,100	67,800
Phenol	2,394,200	2,563,600	584,100	784,000
Great Britain	—	1,997,000	—	—
U.S.A.	—	95,000	—	—
Phosphorus, white and red	38,800	111,400	393,500	356,800
China	—	—	—	175,200
Pinenol; clove stalks	2,166,800	2,362,100	—	—
Brit. E. Africa	—	1,223,000	—	—
Brit. American Possns.	—	1,096,900	—	—
Potassium carbonate	908,600	989,400	14,172,100	16,428,100
Potassium chromate and dichromate: chromic oxide and hydroxide	171,900	65,400	3,117,400	3,825,500
Potassium manganate and permanganate	72,900	12,700	847,600	883,800
Rhubarb	85,500	87,300	18,700	22,100
China	—	75,200	—	—
Sapon	6,600	6,000	—	—
France	—	5,400	—	—
Secret remedies	4,900	4,400	—	—

	Imports		Exports	
	1927	1928	1927	1928
	Kilos	Kilos	Kilos	Kilos
Shellac	4,518,100	6,128,400	1,508,500	1,872,600
Silver salts, n.e.s., bromide, chromate, nitrate	51	36	23,667	26,796
Sodium chlorate	233,400	689,200	3,302,700	3,407,300
Sodium chromate and dichromate	466,100	144,900	3,729,600	4,823,600
Great Britain	—	—	—	1,126,500
Sodium thiosulphate	—	54,100	9,131,000	4,485,700
Spermaceti	14,900	10,200	6,500	6,200
Stearin; palmitin	1,012,400	1,023,200	609,500	819,800
Synthetic perfumes, terpineol, vanillin, etc.	67,000	63,400	880,300	*1,010,200
Great Britain	—	—	—	80,900
Brit. India	—	—	—	30,000
U.S.A.	—	—	—	155,300
Tartar emetic; preparations of antimony	1,203,900	1,629,200	877,000	1,012,500
Great Britain	—	154,000	—	—
Tooth powders; cosmetics, perfumes, n.e.s.	262,100	311,400	1,131,300	1,331,200
Great Britain	—	—	—	215,500
Brit. India	—	—	—	51,500
Australia	—	—	—	42,100
Tin oxide; stannic acid	3,100	11,500	412,300	526,600
Great Britain	—	—	—	199,800
Tragacanth	933,100	762,400	211,000	184,900
Brit. India	—	355,200	—	—
Persia	—	301,800	—	—
Vanilla	91,500	99,300	—	—
Zinc oxide (white)	1,686,700	1,204,100	10,820,000	12,348,400
Zinc salts, n.e.s., zinc chloride	25,300	85,700	2,808,200	2,363,900

* Including bromoform. † Including iodoform.
n.e.s. = not elsewhere specified.

Ergot Imports to U.S.A.

THE value of ergot imported into the United States during the first nine months of 1928 exceeded that of any year during the twenty-year period 1909-1928, inclusive, excepting 1919 and 1920. The quantity and value of the imports into the United States during the past nineteen years and the first nine months of 1928 are given in the following table:—

Year	Lb.	Value	Year	Lb.	Value
		\$			\$
1909	135,740	36,651	1919	171,950	346,707
1910	181,614	52,911	1920	226,835	789,695
1911	141,334	75,592	1921	101,890	118,250
1912	207,138	187,500	1922	225,280	162,165
1913	223,793	208,364	1923	225,500	90,545
1914	185,704	102,640	1924	170,410	37,345
1915	141,915	92,459	1925	154,500	65,850
1916	123,015	73,896	1926	207,080	156,855
1917	165,701	80,647	1927	230,020	209,130
1918	140,474	81,267	1928*	191,000	211,800

* Nine months.

U.S. Consular reports from Vigo and Barcelona state that during the latter part of 1928 little interest was shown by buyers in the new Spanish crop, possibly because of lower prices quoted by Central European markets for German and Russian ergot. It is stated that considerable quantities of Spanish ergot are available for shipment if any agreement with the owners can be reached. Shippers do not feel disposed to cut prices to any appreciable extent, however, and shipments are being made only at irregular intervals and in comparatively small volume. Exports to the U.S.A. during the last two years were as follows:—

	1927		1928	
	Lb.	Value \$	Lb.	Value \$
Barcelona	10,462	12,002	19,590	13,978
Madrid	2,204	1,874	—	—
Vigo	128,390	154,188	16,553	11,358
Total	141,056	168,064	36,143	25,336

Exports of ergot from Danzig in 1928 amounted to 13,662lb., valued at \$5,720, against none in 1927.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C.4, May 23.

THIS having been a broken week on the markets there is little of interest to comment upon. In pharmaceutical chemicals business remains on a fairly good scale, with prices substantially unchanged. Citric acid has been in good demand and prices show a tendency to advance, while tartaric acid is also fully maintained. Crude drugs are practically all unchanged. Bourbon vanilla is firmer in some quarters. Kordofan gum acacia is quiet but steady. Menthol is weak. Peppers have been in fair speculative demand at higher prices, and interest in West African ginger is well maintained. Business in essential oils is still very dull, and this lack of demand is reflected in the receding values of the citrus oils, which are all lower. American peppermint is slightly easier, and Bourbon vetiver a shade firmer. Business has been quieter among the industrial chemicals owing to the intervention of the holidays, and there are no alterations in regard to prices. Formaldehyde tends to weaken. After a period of dull markets, several items among the so-called vegetable oils are showing more life. Cotton oils are firm; groundnut is firmer; rape is steady and castor slightly easier. Turpentine is firmer and soya is cheaper.

Higher	Firmer	Easier	Lower
Farina (Dutch)	Cumin seed	Castor oil	Bergamot oil
Ginger	(Morocco)	Copper	Glucose
(W. African)	Ground nut oil	sulphate	Lemon oil
Pepper	Rape oil	Linseed oil	Maize starch
Turpentine	Rubber	Peppermint oil	powder
Vanilla	Vetiver oil	(U.S.)	Orange oil
		Soya oil	Palm oil

Cablegram

BERGEN, May 22.—The catch of cod since the opening of the season amounts to 69,470,000, against 59,222,000 at the corresponding period of last year, and the yield of steam-refined cod-liver oil amounts to 84,471 hectolitres, against 47,292 hectolitres at the same period of last year. Market for finest new (1929) Lofoten non-freezing steam-refined oil remains firm at from about 110s. per barrel c.i.f.

Crude Drugs, etc.

ANTIMONY is neglected, so far as regards Chinese, and prices are nominal, with spot parcels at £35 10s., while c.i.f. terms for shipment are about £31 10s.; English refined is still £50 to £55, but the top brand could doubtless be now secured at around £53.

BELLADONNA ROOT is quoted at 57s. 6d. per cwt. c.i.f., and for belladonna leaves on the spot 57s. 6d. is also asked.

CARDAMOMS.—An auction of 50 cases Indian was held to-day (Thursday).

CHAMOMILES.—Belgian of old crop are in fairly good demand, selling at from 135s. to 150s. per cwt., as to colour.

CLOVES.—Zanzibar are quiet, with spot sellers at 1s. 5½d. per lb. To arrive, May-July shipment is quoted at 1s. 3½d., August-September at 11½d., August-October at 11½d., September-November at 11d., and October-December at 10½d. c.i.f. The landings of Zanzibar in London during the week ending May 18 were 389, and the deliveries 32, leaving a stock of 2,243*, against 11,712 in 1923 and 6,738 in 1927. The landings to date have been 3,970, against 8,921 in 1923, and the deliveries to date 4,226, against 6,738 in 1923. The landings of Madagascar during the week ending May 18 were 150 and the deliveries 4, leaving a stock of 1,019* bales. (* Stock figures adjusted by Davis and Mark Brown's wharf.)

The drawback of the Zanzibar clove duty which is allowed in respect of cloves that have been exported by the authorised agent of an approved vanillin manufacturer or of an approved clove oil distiller will be continued until June 30, 1930.

COD-LIVER OIL.—The recent rising tendency is still noticeable, and while on account of the intervening holidays the actual amount of business has been small, there is still a fair amount of inquiry from the trade. Business has been

done this week through London for direct shipment from Norway to the Colonies. Agents quote from 107s. 6d. to 112s. 6d. per barrel c.i.f. London for finest new Lofoten steam-refined non-freezing oil. We dealt fully with the position last week (p. 608).

BERGEN, May 15.—The fishing in Finmarken, partly hindered by stormy weather, is declining, and the result must be considered a failure. Market for cod-liver oil is very firm, with an active demand and prices improving, corresponding on the domestic market to 112s. 6d. per barrel c.i.f. London. The export of oil is considerable.

CORN PRODUCTS, ETC.—Guaranteed water-white American glucose (corn syrup) is now 22s. per cwt. for May-June delivery, ex store, London. Dutch maize starch powder (cornflour) is lower at 15s. 6d. per cwt. on the spot; American is 16s. 3d. per cwt., ex store, London, for delivery up to the end of August. Pearl starch is 15s. 9d. per cwt., ex store, London, for delivery up to the end of August. Dutch maize starch crystals is 21s. 6d. on the spot, and American is 19s. 6d., ex store, London, for delivery up to the end of August. Dutch dextrin is quoted at 22s. to 26s. per cwt. on the spot, as to quality. American canary is 19s. 4½d., and white 19s. 1½d., ex store, London, both for delivery up to the end of August. Dutch farina is quoted at 13s. 6d. per cwt. on the spot, and for shipment 12s. 1½d. per cwt. f.o.b. is wanted.

ERGOL is quiet, with good bold sound Russian held at 1s. 3d., and ordinary at 1s. per lb. spot.

GINGER.—West African is dearer at 59s. per cwt. on the spot, and to arrive sellers quote 57s. 6d. c.i.f.; fair washed rough Cochinchina is 70s., and Jamaica 80s. to 120s. per cwt.

GUM ACACIA is quiet but prices remain steady at 77s. 6d. per cwt. for natural Kordofan and 80s. for cleaned; to arrive, 75s. c.i.f. is quoted for natural and 77s. 6d. c.i.f. for cleaned.

MAGNESIUM is steady and prices range from 3s. 3d. up to 3s. 9d. per lb. for small ingots and sticks, while wire is priced at 7s. 6d. to 12s. 6d., and powder from 4s. 6d. to 7s. 6d. per lb., according to quality and quantity.

MENTHOL is quiet at from 20s. to 20s. 3d. per lb. on the spot for Kobayashi-Suzuki. To arrive, sales have been made at 19s. c.i.f., with sellers in any position at 19s. 3d. c.i.f.

MERCURY.—The demand over the holidays was extremely quiet, but the undertone is still steady under continued limited imports. There are sellers at £22 2s. 6d. to £22 5s. per bottle, only small lots being inquired for. The tone in America is steady, but Eastern markets are slow. J.K. imports for last month were only 370 bottles, against 256 bottles for March, and the total for the four months is abnormally small at only 928 bottles, which compares with 6,623 bottles for the same period last year.

OPIMUM.—The following report has been received from Turkey:—

CONSTANTINOPLE, May 15.—Sales during the past fortnight have amounted to 105 cases druggists' at £T30 to £T35 per oke, 26 "softs" at £T32 to £T35, and eight Malatia at £T30 to £T32. Speculation continues to be the supporting feature of the market. The soil is not any more favourable, and so purchases of one or two cases each day make prices in the neighbourhood of 26s. for the 12 per cent. Beneficial rains have fallen in all the production districts. An estimate for the next crop is at least 3,000 cases, to which can be added from 1,200 to 1,500 cases held at Smyrna. There will also be about 500 cases at Macedonia and about 500 cases of new crop already in this district. This will give an approximate total of 5,200 cases for the coming year. Arrivals have been 1,628 druggists', 385 "softs," and 129 Malatia, giving a total of 2,142 cases, against 2,141 over the same period last year. Stocks are now 548 druggists', 140 "softs," and 68 Malatia, making 756 cases against 877 on this date last year.

PEPPER has shown a fair amount of activity and is rather higher in balance. Fair black Singapore is 1s. 4½d., and May-July shipment 1s. 3½d. c.i.f. Lampong is 1s. 4½d. spot; sales to arrive include May-July shipment at 1s. 3½d. to 1s. 3¾d., and August-October at 1s. 2½d. to 1s. 2¾d. c.i.f. Tellicherry is 1s. 4½d. spot, and Alleppy 1s. 4½d. spot. White Muntok is steady at 2s. 2¾d. spot. Sales to arrive include May-July shipment at 2s. 2d. to 2s. 2½d. to 2s. 2¾d., June-August at 2s. 1d., and August-October at 1s. 11½d. to 1s. 11¾d. c.i.f.

PIMENTO is firm but quiet at 1s. 3d. per lb. on the spot; to arrive, July-August shipment is 125s., August-September 113s., and August-October 114s. c.i.f.

RUBBER continues to create considerable attention, and is at present subject to important fluctuations almost daily. On Tuesday, following the holiday, the market rapidly advanced, and spot was done up to 1s. per lb., whilst to-day a heavy decline took place, and spot fell rapidly to 11½d. A recovery may be expected at any moment, as the statistical position is distinctly healthy. It is estimated that for the current month shipment to all parts from the East will total 43,000 tons, whilst the estimated American consumption for the month is 50,000 tons—a record figure.

Stocks again decreased last week by 172 tons, and the London stock now stands at 30,955 tons, against 48,705 tons at the corresponding period last year. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet spot and May, 11½d.; June, 11½d.; July-September, 11½d.; October-December, 11½d. per lb.

SEEDS.—ANISE.—Spanish is 62s. 6d. and Russian 26s. 6d. per cwt. on the spot. CANARY.—Mazagan is 23s. 6d. per cwt. spot. For prompt shipment the price remains at £23 per ton c.i.f. New crop is likely to be very small, sellers now asking £20 per ton c.i.f. Saffi is still 23s. per cwt. spot, and for new crop the price is £18 10s. per ton c.i.f. CARAWAY is still firm at 42s. 6d. per cwt. spot, and for prompt shipment from Amsterdam the price is 41s. 6d. c.i.f. CUMIN.—Maltese is unchanged at 55s. per cwt. spot. Morocco is a little firmer on spot, sellers asking 48s. per cwt.; for new crop the price is 46s. c.i.f. CORIANDER.—The market is very quiet, with sellers at 13s. per cwt. spot; old crop is £10 5s. c.i.f., and new crop for June-July shipment is £11 5s. c.i.f. FENUGREEK.—A little lot has been sold at 20s. per cwt. spot; the c.i.f. market is firm at 15s. 6d. c.i.f. for new crop. LINSEED is 22s. per cwt. spot, and for July-August shipment £17 15s. per ton c.i.f. is the price. FENNEL.—Indian is 68s. per cwt. spot and 62s. c.i.f. for new crop. MUSTARD.—English remains at 27s. to 31s. per cwt., according to quality.

SHELLAC has been dull, with usual standard TN orange offering at 197s. 6d. per cwt. on the spot; fine orange is 215s. to 300s., pure button 235s., and AC cakey 207s. 6d. To arrive, TN for May-June and June-July shipment is quoted at 190s. c.i.f.; sales for delivery comprise August at 197s. 6d. to 198s., October at 197s. 6d.

SPIRIT (RECTIFIED).—It has been agreed that for deliveries commencing May 22 until further notice the price of spirits of wine will be 1s. 5d. per proof gallon, free delivered, usual terms. In the event of a buyer providing cash payment for the duty with order, it has been agreed that a discount of 2d. per proof gallon shall be made.

TRAGACANTH continues steady, with a fair amount of inquiry for the better grades at from £20 to £29 per cwt.

VANILLA.—Bourbon of average quality, 6 in. to 7 in., is dearer at from 7s. to 8s. per lb.

Essential Oils

QUIETNESS in all products is still the ruling feature of this market and all the citrus oils are lower. Bourbon vetiver is a shade firmer and American peppermint slightly easier. The arrivals are also very light for this season of the year.

ANISE (STAR).—"Red Ship" is unchanged on a basis of 2s. 8d. per lb. on the spot for leads and 2s. 6d. c.i.f.

BERGAMOT is again lower, values now being 18s. 6d. per lb. on the spot and 18s. 3d. c.i.f. for 37 to 38 l.a.

CASSIA is unchanged but barely steady. Quotations for shipment on a London analysis range from 4s. 4d. to 4s. 5d. per lb. c.i.f. On the spot, 5s. to 5s. 1d. is quoted, according to quantity, for 80 to 85 per cent. c.a., free from alcohol.

CITRONELLA.—Ceylon continues scarce on the spot at 1s. 10½d. per lb., though unchanged at 1s. 8d. per lb. c.i.f. Java is neglected at 1s. 11d. on the spot, though inclined firmer at 1s. 10½d. per lb. c.i.f.

CLOVE is unchanged at 9s. 6d. per lb. for English distilled 90 to 92 per cent. eugenol. Makers, however, anticipate lower prices in a few months as a result of the decline in the forward quotations for shipment of the spice.

GERANIUM.—Bourbon on the spot is firm at 19s. per lb. with Algerian quoted 18s. on spot. The Algerian is relatively cheap on the spot, as one quotation for shipment from the source is as high at 18s. 7d. per lb. c.i.f.

LAVENDER is dull and very little business is passing at 15s. per lb. on the spot for French oil testing 38 to 40 per cent. l.a.

LEMON is lower over the week, although closing more steady. Some sales of genuine Sicilian hand-pressed were made early in the week at 15s. 3d. per lb. on the spot. It is stated on good authority that supplies at the source are now almost exhausted and the quotation is nominal at 15s. 6d. per lb. c.i.f. On the spot prices range from 15s. 6d. to 16s. per lb., though some odd parcels are available at less.

LEMONGRASS is neglected at 2s. 10d. per lb. on the spot and 2s. 8d. c.i.f., with a possibility of still lower values for shipment.

ORANGE is lower. There are numerous offers of Sicilian at 18s. 6d. per lb. c.i.f. and some oil could probably be bought at this figure on the spot, although 18s. 9d. to 19s. per lb. is the nominal value.

PEPPERMINT.—American natural tin oil is a shade easier at 12s. 6d. to 12s. 10d. per lb. c.i.f. and 12s. 9d. to 13s. on the spot, according to brand. It is, however, reported on good authority that values should recover because unfavourable weather has been experienced and the work in the fields is

almost a month behind, a situation which will mean a late crop. H.G.H. is nominal at 18s. per lb. on the spot, with sellers at 17s. c.i.f. Japanese dementholised is virtually unchanged at 6s. 6d. per lb. on the spot for Kobayashi-Suzuki and 6s. 4½d. for other brands. There are sellers of Kobayashi-Suzuki in any position at 6s. 3d. per lb. c.i.f.

SASSAFRAS.—Natural American is firm on the spot at 4s. to 4s. 3d. per lb. as to quantity, although there may be odd parcels available at less. There is a marked shortage of raw material and the quotation of 3s. 9d. per lb. c.i.f. appears to be worth attention.

SPEARMINT is firmer for shipment at 17s. c.i.f., with supplies on the spot available at 18s. 3d. per lb.

VETIVER.—Bourbon is inclined firmer at 20s. per lb. on the spot.

WORMSEED (CHENOPodium) is unchanged at 8s. per lb. c.i.f. and 9s. 3d. on the spot.

The following arrivals have taken place from the countries indicated during the period May 15 to May 21 (inclusive): Bergamot (U.S.), 3 cs.; camphor (U.S.), 1 dm.; cassia (Ch.), 20 cs.; cinnamon (Cey.), 1 dm.; clove (Fr.), 2 dm.; eucalyptus (Aust.), 67 cs.; geranium (Fr.), 1 cs.; juniper berry (Ger.), 1 cs.; lavender (Fr.), 5 cs.; lemon (It.) 93 cs., (Neth.) 1 cs.; lemongrass (Br. Ind.), 4 dm.; lime (B.W.I.), 7 cs.; neroli (Fr.), 1 cs.; orange (It.) 5 cs., (Belg.) 1 cs., (Sp.) 2 cs.; patchouli (Sey.) 5 cs., (Fr.) 1 cs.; peppermint (U.S.) 2 dm. 2 cs., (Jp.) 100 cs., (Ger.) 2 cs.; rosewood (Braz.), 6 cs.; sandalwood (Br. Ind.), 60 cs.; undescribed (Fr.), 8 cs.

Pharmaceutical Chemicals, etc.

THERE is little of interest to comment upon this week. Business continues on a fairly good scale, while prices throughout are steady, there being no change of importance to record.

ACETANILIDE is quiet and unchanged: B.P. crystals and powder, 1s. 5d. to 1s. 6d. per lb., as to quantity.

AMIDOPYRIN is steady but not in much call, dealers quoting spot at 8s. 6d. to 8s. 9d. per lb.

ASPIRIN.—The recently adjusted prices of dealers to come into line with home makers' rates continue in force: quotations from all sources are now at 2s. 6d. to 2s. 8d. per lb., as to quantity.

BARBITONE is holding on spot as quoted at from 6s. per lb.; Continental offers have been withdrawn, and the new prices are not yet to hand.

BENZALDEHYDE (.03) is steady on a slow market: quantities in carboys, 1s. 10d.; smaller lots, 2s. per lb.

BENZOIC ACID (B.P.) is bright, with makers' prices steady: quantities, ex works, 2s. 1d.; spot parcels, 2s. 2d. to 2s. 3d.

BROMIDES.—There is nothing to add to our report of last week; makers' and importers' prices are competitive and there is some tendency to cut. Dealers quote: ammonium, 1s. 10½d.; potassium, B.P. crystals, 1s. 7½d.; granular, 1s. 7d.; sodium, B.P., 1s. 9½d. to 1s. 10d. per lb. for quantities in cases. British makers' prices for cwt. lots: ammonium, 1s. 11½d.; potassium, B.P. crystals, 1s. 8½d.; granular, 1s. 7½d.; sodium, B.P., 1s. 10½d. per lb.

CALCIUM LACTATE is meeting with a limited business: spot, 1s. 2d. to 1s. 3½d. per lb., as to quantity.

CHLORAL HYDRATE is unchanged on a quiet market: duty-paid crystals, 3s. 1d. to 3s. 3d. per lb., as to quantity.

CITRIC ACID (B.P. crystals) shows no actual change, but the tone is firm, with a tendency for prices to advance: spot is 2s. 1½d. to 2s. 2d. per lb. for foreign, less 5 per cent.; forward, 2s. 0½d. c.i.f.; business has been on a good scale.

CREOSOTE (B.P.) is unchanged on a dull market: quantities, 1s. 8d., in demijohns; smaller lots, 1s. 9d. per lb., ex store.

CREOSOTE CARBONATE continues to be quoted on spot from about 6s. 6d. per lb.; market is quiet.

GUAIACOL CARBONATE is steady on spot for quantities from 4s. 8d. per lb.

HEXAMINE is very steady, with business sustained on a good scale: quoted from 2s. 4d. to 2s. 6d. per lb., as to quantity.

HYDROQUINONE continues in fair demand, with prices steady at 3s. 8d. to 3s. 11d. per lb., as to quantity.

LACTIC ACID (B.P.) is unchanged on a quiet market: one-ton, 1s. 7½d. up to 1s. 10½d. per lb. for small parcels, ex store.

METHYL SALICYLATE (B.P.) continues at the agreed prices quoted by makers of 1s. 6d. to 1s. 8d. per lb., as to quantity.

METHYL SULPHONAL has settled down at the prices quoted by dealers: 18s. 6d. to 20s. per lb., as to quantity.

PARA-FORMALDEHYDE is steady but not in much request: quantities of 100 per cent. powder, 1s. 8d.; smaller lots, 1s. 9d. per lb.

PARALDEHYDE is slow: quoted from 1s. 1d. to 1s. 4d. per lb., as to quantity and packing.

PHENACETIN is steady, with business about normal: dealers quote 2s. 10d. per lb. for one-cwt. lots of crystals; powder, 1d. per lb. more.

PHENAZONE is maintained at controlled prices: 4s. to 4s. 6d. per lb., as to quantity.

PHENOLPHTHALEIN is quiet, but controlled prices are steady: 5s. 11d. to 6s. 1½d. per lb., as to quantity.

POTASSIUM PERMANGANATE (B.P.) is steady on a quiet market: quoted at 5½d. for quantities in drums; smaller parcels, from 6d. per lb.

POTASSIUM SULPHOGUAIACOLATE continues to be offered by dealers from 3s. 8d. to 4s. 2d. per lb., as to quantity.

SALICYLIC ACID (B.P.) is steadily maintained at makers' prices of 1s. 5d. for ten-cwt. lots up to 1s. 7d. per lb. for small parcels.

SALOL continues to the recently adjusted rates of from 2s. 9d. to 3s. per lb., as to quantity.

SODIUM DIETHYLBARBITURATE is unchanged on a slow market: dealers quote from 7s. 5d. to 7s. 6d. per lb.

SODIUM SALICYLATE (B.P.).—There is no change, with business fair: makers quote powder at 2s. 2d. per lb. for ten-cwt. lots up to 2s. 4d. for small parcels; dealers' prices are 2s. 6½d. for crystals and 2s. 4½d. for powder, in one-cwt. lots.

SULPHONAL is unchanged on a steady market, with business fair: 10s. to 10s. 3d. per lb.

TANNIC ACID (B.P. *levis*) remains rather slow: quantities, 2s. 10d.; smaller parcels, 3s. per lb.

TARTARIC ACID (B.P. *crystals*).—A fair volume of business continues, with spot prices of foreign fully maintained at 1s. 4d. to 1s. 4½d. per lb., less 5 per cent., as to quantity.

THEOBROMINE.—The pure alkaloid is quoted at 6s. 9d. per lb., and theobromine soda salicylate at about 4s. 9d. per lb.

THYMOL is not moving in any quantity: synthetic, fine white, 9s. 1d. to 9s. 3d. per lb.; ex ajowan seed, about 11s. 3d. per lb.

VANILLIN remains dull: 100 per cent. from cloves, about 17s. per lb.; ex guaiacol, 14s. to 14s. 6d. per lb., and less for contracts.

Industrial Chemicals, etc.

London, May 22.

CONDITIONS in this section continue steady and there is again no alteration as regards prices. Business has been rather quieter in some lines. Copper sulphate is easier.

ACETIC ACID continues unchanged and in fair demand: 80 per cent. technical, £36 15s.; 80 per cent. pure, £37 per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £66, in glass demijohns; glacial, in barrels, £56 per ton, ex store.

ACETONE is firm and active: B.G.S., in drums, £76 to £85 per ton, ex store, as to quantity.

AMMONIUM CHLORIDE remains slow: grey galvanising, £21 10s. per ton, in casks, ex store; less for contracts.

ARSENIC is slow, with white Cornish obtainable at £16 per ton f.o.r. mines for 99.9 per cent. Mexican high-grade is offering at about £16 5s. c.i.f. Liverpool.

BARIUM CHLORIDE is fully maintained on spot at £11 10s. per ton for 98 to 100 per cent. prime white crystals, in casks, ex store; slightly cheaper forward.

BLEACHING POWDER is unchanged, with four-ton lots selling at £6 15s. to £7 per ton, carriage paid.

CADMIUM is well maintained, with a steady demand at from 4s. 1d. up to 4s. 3d. per lb., according to quantity and contract terms. A good-sized quantity came in lately from Australia, and the business is chiefly between Canadian and Australian metal.

COBALT is in steady inquiry, the price of oxide being 8s. per lb. for black and 8s. 10d. for grey, while cobalt metal is officially at 10s. per lb.

COPPER SULPHATE.—Export business has been very slow and f.o.b. terms are called £29 to £29 10s. for casks, less 5 per cent. Advice from Italy state that there has been a sharp cut by makers there of about 10 per cent. in their terms, which now stand at 235 lire. Evidently this is due to accumulation of stocks.

CREAM OF TARTAR is firm at 96s. to 97s. 6d. per cwt., less 2½ per cent., for foreign on spot, and a fair volume of business is being done.

EPSOM SALT is steady on a rather poor market; commercial quality, £4 per ton, in single bags, ex store; B.P. quality, £2 per ton more.

FORMALDEHYDE continues quiet at £35 10s. to £36 per ton for 40 per cent. by volume; market tends to weaken.

FORMIC ACID is quiet at £46 per ton, ex store, for 85 per cent., in carboys.

ISOPROPYL ALCOHOL is meeting with a steady business at 11s. to 12s. per gallon, in drums, carriage paid.

LEAD ACETATE is unchanged on a quiet market: brown £40 10s. to £41; white, £41 10s. to £42 per ton, in casks, ex store.

LITHOPONE is steady and business is fairly good: 30 per cent. Continental red seal, £19 10s. per ton, in casks, ex store; slightly less for contracts.

OXALIC ACID is meeting with a limited demand: quantities, £30 per ton, ex wharf; cwt. lots, 32s., ex store.

POTASH CAUSTIC.—Convention prices are steady; business limited: 88 to 92 per cent. solid, £32 15s. to £36 15s. per ton, in drums, ex store; 30s. per ton less c.i.f. in all cases.

POTASSIUM CARBONATE remains quiet: 90 to 92 per cent., £24 10s.; 96 to 98 per cent., £25 15s. to £26 per ton, in casks, ex store; slightly less for contracts.

POTASSIUM CHLORATE is offering in quantities to arrive from 2½d. per lb., ex wharf; spot parcels, from 3d. to 3½d. per lb., ex store.

POTASSIUM PERMANGANATE is steady on a slow market: commercial quality, in two-cwt. drums, 5d. per lb., ex store.

POTASSIUM PRUSSATE continues in fair call: yellow, £63 10s. to £65 10s.; single casks, 7d.; small parcels, 7½d. per lb., ex store.

SAL AMMONIAC is steady, but business is not of much account: dog-tooth crystals, £32; medium, £29; fine white crystals, £18 per ton, in casks, ex store; slightly less for contracts.

SELENIUM.—The tone is maintained, with high-grade black powder priced at 7s. 8d. to 7s. 9d. per lb., delivered Liverpool.

SODIUM ACETATE remains slow, with spot parcels offering round about £21 to £21 5s. per ton, in casks, ex store.

SODIUM CHLORATE is also slow of sale: quantities to arrive, from 2½d. per lb., ex wharf; spot parcels, 3d. to 3½d. per lb., ex store.

SODIUM PRUSSATE is meeting with fair business: quantities, 4½d. to 5d.; small parcels, 5½d. to 5½d. per lb., ex store.

SODIUM SULPHIDE, as offered by dealers, is steady: 60 to 62 per cent. solid, £9 5s.; broken, £10 5s. per ton, in drums, ex wharf.

SULPHUR.—There is a fair demand for American crude at £5 12s. 6d. to £5 17s. 6d., and Sicilian flowers at £12 7s. 6d., refined ground at £11, and roll at £9 15s., all c.i.f. to arrive.

COAL-TAR PRODUCTS.—Pitch is slightly dearer at 32s. 6d. per ton, f.o.b. East Coast. Other products are unchanged at the prices given in our last issue (p. 614).

Fixed Oils, etc.

ONE or two items are showing more life after a period of dull markets. Cotton oils are firm, ground nut is brighter, rape is steady, while castor oil is slightly easier. American turpentine is steadier. ACID OILS are quiet but steady: coconut and/or palm kernel, 33s. 6d.; ground nut, 31s. 6d.; soya, 27s. 6d. spot. CASTOR is dull and slightly easier: deodorised, 51s.; first pressings, 46s.; second pressings, 43s. per cwt., in barrels, on the spot, in not less than one-ton lots. COCONUT.—Prices are unchanged: deodorised, spot, 40s. 6d.; Cochin, 42s. 6d. c.i.f.; Ceylon, 35s. c.i.f. COTTON is firm and fairly active, tending to advance: deodorised, 38s. 6d.; common edible, 36s. 6d.; soapmaking, 32s. 6d.; crude, 30s. spot. GROUND NUT is firm and tends to advance: deodorised, spot, 44s. 3d.; crude Oriental, 35s. c.i.f. PALM KERNEL continues rather quiet; deodorised, 44s. 6d.; crude, 34s. spot. PALM.—Further slight reductions in prices for most grades are recorded, but the market is now steady and business fair: Lagos, 32s.; softs, 31s. 6d.; mediums, 32s. 6d.; hards, 33s.; bleached, 34s. 6d. spot. RAPE is steadier and showing more life: refined, 46s.; crude, 43s. spot. SOYA is dull and slightly easier: deodorised, 38s.; crude, 32s. 6d. spot. LINSEED (raw, naked) is slightly easier forward on the week, with the market now steady: on spot, 29s.; May, 23s. 7½d.; June-August, 28s. 7½d.; September-December, 23s. 10½d. Boiled oil, spot, 33s. Hull, on spot, 28s. 9d.; May, 28s. 9d.; June-August, 28s. 9d.; September-December, 28s. TURPENTINE.—The tendency has again been firmer, with the premium on spot stiffening owing to the small stocks. Deliveries last week were 1,080 barrels, making a total since January 1 of 37,487 barrels, which compares with 42,646 barrels at the same date last year. Stocks were returned at 8,975 barrels, against 26,489 barrels a year previous. Adding to this a steamer afloat with 9,160 barrels, makes the London visible supply 18,135 barrels, against 26,489 barrels at the same date last year. The London market closes firm at 46s. 6d. per cwt.; May-June, 44s. 9d.; July-December, 42s. 6d. RESIN.—There has been but little alteration in prices and business was restricted by the holidays, although the undertone is steady. C.i.f. terms for shipment were as follow: American B/D 16s. 3d. to 16s. 10½d., E 17s. 3d., F/G 17c. 7½d., H/I 17s. 9d. to 17s. 10½d., M 19s., W/G 19s. 9d., and W/W 21s. 1½d. Terms ex wharf are about 9d. to 1s.

per cwt. above these figures. WOOD.—Hankow, in barrels, is dull at 72s. 6d. per cwt., in barrels, on the spot.

LUBRICATING, MINERAL, BURNING OILS, ETC.—This market shows no change over the holidays and business has been quiet since the reopening. BENZOL is active and firm: standard motor 90's, 1s. 8½d. to 1s. 8¾d. per gallon, ex works, in tank wagons; ex London works, 2d. per gallon dearer. FUEL OIL continues steady. PARAFFIN OILS are unchanged and firm: American standard white, 1s.; water-white, 1s. 1d. per gallon, in barrels, ex wharf. PARAFFIN WAX and SCALE continue steady: wax is quoted at 2½d. to 4½d. per lb., according to melting point, in bags; scale for shipment is offered at about £21 per ton, c.i.f. London. WHITE OILS are steady, with a moderate amount of business passing. SOLVENT NAPHTHAS are in steady demand, and PETROLEUM JELLIES are quiet and unchanged. LUBRICATING OILS continue very firm, with prices unchanged: spot, pales, £10 to £33 10s.; reds, £11 5s. to £22; dark cylinders, £13 5s. to £33 10s.; filtered cylinders, £31 to £34 per ton, less 2½ per cent.

Commercial and Produce Notes

Italian Calcium Citrate

A CABLE received at Washington from the United States consulates at Palermo and Messina states that new production of citrate of lime barely reached 4,000 metric tons, about 300 metric tons less than last year. During the season from December 1, 1928, to the end of March 1929, 7,021 metric tons of citrate of lime were sold, of which more than 4,300 metric tons were sold between December 1 and February 3 at 600 lire, and the rest from February 4 to the end of March at 650 lire per quintal.

Jamaica Essential Oils

EXPORTS of essential oils from Jamaica to the United States for 1927 and 1928 are shown in the following table:—

	1927		1928	
	Lb.	Value	Lb.	Value
Orange ...	65,700	\$111,440	70,370	\$159,400
Pimento leaf oil ...	930	\$920	6,100	\$4,000
Lime oil ...	1,680	\$10,500	400	\$2,250

Bulgarian Rose Oil Exports

ACCORDING to the returns published by the General-Direction of Statistics, Sofia, exports of rose oil from Bulgaria during the month of December 1928 amounted to 104 kilos, valued at 7,970,472 leva, consigned to the following countries: Great Britain, one kilo; Germany, 39 kilos; France, 62 kilos; other countries, two kilos. During the period January to December 1928, the total exports of rose oil from Bulgaria in twelve months amounted to 3,157 kilos, valued at 240,067,796 leva.

Olive Oil Production

THE Central Statistical Institute of Rome says that the production of olive oil in Italy during 1928 amounted to 2,599,900 hectolitres, against 1,602,200 hectolitres in 1927. The average of oil per quintal of fruit was 17 litres, against 15.9 litres in 1927. In January it had been positively asserted that the result would be a decline compared with normal. Still, it is far below the level of the time when Italy was the leading olive oil producer—in the year 1922, when the production amounted to 2,843,000 hectolitres. The world to-day produces about 7,000,000 quintals in the following order: Spain, 43 per cent.; Italy, 27 per cent.; Greece, 12 per cent.; whilst Portugal, Africa, etc., make up the difference.

Japanese Iodine

JAPAN'S iodine export to Soviet Russia which had been interrupted for some time has recently been revived and crude iodine to the amount of 150,000 yen in value has already been shipped to that country (says the "Weekly Druggist"). Japanese makers have been endeavouring to increase their output and develop foreign markets. Shortly after the restoration of diplomatic relations between Japan and Russia, makers have been exporting iodine to Russia, and it was expected that last year's export would be something like 600,000 yen, and that the amount would rise still higher in the future. But the plan was frustrated because Russia decided to import iodine from Chile. The Japan Iodine Co. has been investigating the overseas demand for iodine in co-operation with the officials of the Foreign Office for the purpose of remedying the situation thus created. Soviet Russia has decided to buy Japanese iodine again, after negotiations between the Japanese producers and the Soviet Trade Representation.

Chilian Iodine

THE exports of iodine from Antofagasta, Chile, during 1928, amounted to 368 metric tons, compared with 381 tons in 1927. Normally from 40 to 50 per cent. of Chile's iodine exports clear through this port. During the early part of 1929 the Chilean Iodine Association held a number of meetings, at which it was decided that on account of the large stocks of iodine held in Europe, and because of other considerations, a new contract should be made with Messrs. Gibbs & Co., allowing them to continue as European sales agents, but with a reduced commission. It has been recently stated that the Anglo-Chilean Consolidated Nitrate Corporation will sell its own products in the United States after July 1. Imports of iodine into the United States during 1927 and 1928 were 926,000 lb., valued at \$2,901,000 and 721,000 lb., valued at \$2,429,006, respectively.

N.Z. Kauri Gum

A FURTHER moderate decrease in the quantity of kauri gum received into store by Auckland merchants during March, compared with the figures for February, is recorded. A total of 240 tons, mainly of inferior quality, was received, compared with 275 in February and 290 in January last. The figure for March of 1928 was 411 tons. Moderate business is reported by brokers during March. There has been in general a steady decline in the quantity of gum received into store during the first three months of the last five years, as the following table shows:—

	1925	1926	1927	1928	1929
January ...	525	402	265	278	290
February ...	496	389	193	307	275
March ...	520	452	441	411	240
Totals tons	1541	1243	904	996	805

Sudan Acacia

BCXALL & Co. in their report dated April 30 (covering the market period April 1 to 30) state that the arrivals in Kordofan stations (including Tendelti) amounted during April to 1,671 tons, against 2,530 tons last year—a shortage of 859 tons, or 34 per cent. This year's April arrivals are the lowest recorded for that month over the series of bumper crops since 1923. The shortage in Kordofan and Tendelti arrivals this season to date, against last season, which was a record early crop, total about 4,060 tons. If to this is added the shortage in inferior Hashab, estimated at about 2,000 tons, the total shortage in Hashab gum against last year would amount up to end of April to about 6,000 tons.

Prices: The El Obeid market gradually rose until April 11, when the total increase attained was 13s. per cwt. On April 13, however, i.e., the following market day, prices fell to the extent of 4s. 9d., but were again on the upward move until April 25, when the increase totalled 2s. 3d.; since then they have remained firm at that level. The total net increase during the month amounts, therefore, to 10s. 6d. per cwt.

Exports: To the end of March the exports of Hashab are down by 1,100 tons. Bleached exports are about the same, whilst Talha is up 300 tons against the first three months of last year. The net difference on all qualities is about 800 tons down.

Crop and Tendency of Prices: The situation entirely changed as regards possibilities of a large crop, when with the beginning of April and normally hot weather, the arrivals did not increase, but even declined against those of March. Many reasons have been suggested, amongst others, the low prices of previous years discouraging collection and camel transport being diverted from gum to the transport of cotton from the Nuba Mountains, etc., but whilst these might have had some effect we are convinced it is due to the exceptional dampness of the climate. Gum being a reaction against drought, the excessive moisture in the atmosphere tends to keep the trees alive without compelling them to secrete gum to hold the moisture necessary to their existence. It is a fact that even in ordinary times the trees put forward their leaves and cease to produce gum before the actual arrival of the rains—this being due to their taking moisture from the atmosphere alone. It is impossible to forecast the tendency of prices. Local prices have been for some time on a "war" basis and otherwise unprecedented. It is difficult to believe that certain exporters are not still short against their contracts, and even when overseas buyers have risen to the equivalent of local rates, that the buying is not largely speculative or against contracts undelivered. The exports during January to March 1929 amounted to 6,931 tons, against 7,739 tons for the corresponding period of 1928. During the 1929 quarter Great Britain imported 1,469 tons, against 1,741; the U.S.A. 1,547 tons, against 1,597 tons; Germany, 1,103, against 1,098, and France 892 against 1,132 tons in the corresponding quarter of 1928.



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Percentage Calculations

SIR,—Your correspondent "Veritas" (*C. & D.*, May 18, p. 616) raises queries more interesting than novel. His No. 1 undoubtedly means olive oil with 2 per cent. of carbolic acid. No. 2 is an anomaly, but liquids are always taken v/v unless specifically desired otherwise. The 1923 D.D. Act muddled the whole thing by legalising w/v, and the only thing now is to apply common sense in interpretation. No. 1 should be 8.75 gr. of carbolic acid, as if s.g. is to be taken into account we assume that the average doctor has an understanding of the subject, which is far beyond him.—I am, etc.,

SEMPER IDEM (17/5).

SIR,—Replying to "Veritas," I should in both the examples he gives deliver 3j. fluid, and where solids are dissolved in water should calculate the percentage w/w; but if this method is adopted, to be consistent one could not ignore the gravity where the solvent is an oil. Glycerin being a fluid, I should treat by the rule "fluids by measure," and therefore calculate by volume. But when we have decided this abstruse problem and have meticulously weighed or measured our product, the disturbing thought arises whether the prescriber himself knows what he intends or if he could work out the quantities, and whether the difference between w/w and w/v would make the slightest difference to the patient.

Yours truly,

GRAVITAS (21/5).

Electioneering in the 'Sixties

SIR,—It happened, in my early apprenticeship days, that I saw something, and perhaps heard more than I saw, of electioneering in my native town: I fancy no one who was privileged to see the 1868 election there is likely to forget it. Yarmouth, on the East Coast, has always been reckoned by many old natives to be the real Eatanswill of Dickens; and although another town has perhaps a better claim to the honour, Yarmouth, for us, was near enough. I remember an earlier election, probably in 1864, when the place for a few days seemed to be overrun with flags, banners and posters; carriages many and frequent; free rides, and by all accounts free beer. Hustings for the candidates and open polling booths for the voters were the rule. There was an aftermath of unpleasantness, and numbers of people were reported to have come in for useful legacies as to which heads were shaken and long faces pulled. By 1868 I was an apprentice to the drug trade; and as my master's shop was situated at the top corner of the row in Gaol Street (as it used to be), where was the house of detention, the old Tol Hall, I was able to witness a section of the proceedings. There was a beer-house opposite the gaol that was busier than ever, and throughout the town Eatanswill was produced to the life. The old bus that plied between Lowestoft and Yarmouth may, like Tony Weller's coach, have spilled a few voters on the way. There were coach-houses and stables where free and enlightened electors, temporarily overcome, could sleep off their potations—and perhaps a score or so were kept under cover *pro tem*. Myself, very busy and industrious keeping clean the top of the window enclosure and carboys, had a good view of an important point, viz., the town gaol, for with all the generous liquor and excitement it was not long before some of the weaker-headed got into contact with the police. Prisoners sentenced by the magistrates to brief periods were marched along Gaol Street and put through the iron-studded door leading to the cells. It was rather pitiful in a way. The election only just begun; two or three days more to go; beer to be had almost for nothing—and here they were bottled up! Possibly their last glimpse of freedom was of certain

pint pots of frothing ale at the public house opposite, easily seen through the windows. However, in the lock-up they would be able to hear the jubilation and at the least smell the popular beverage; for the town inside and out was redolent of hops. Stray errands here and there gave me opportunities to watch events in other streets, listen to speakers and the usual rough chaff, watch the voters exercise their franchise, and so on. It was apparent that many had great difficulty in making up their minds; pros and cons were discussed in the streets. Now and then one would see a third man called into consultation when—round the corner—a final and more weighty consideration would emerge and the voter be secured. Modern readers might be inclined to consider Eatanswill an exaggeration, but even in '68 it would not be much beyond the actual practices prevailing. Speakers were not received with much show of reverence. I remember one highly respected doctor and leading townsman, who at a meeting was told by some ribald individual what he was in the habit of giving his patients. It was nothing from the Pharmacopœia, but the incident was received uproariously. The doctor used to tell the story himself later. This year saw for the old town, and others, the last of such elections. Subsequent events of the kind may have been boisterous, but certainly not so costly. Though we mostly considered the old methods deplorable, I fancy we rather enjoyed the times. Plenty of gossip, and perhaps scandal, kept the interest alive for months.—I am, etc.,

J. PIKE.

Nottingham.

Council Election

SIR,—To all those who supported my candidature during the recent election, and to the many who have written me in connection with the same, may I tender my sincere thanks and express the hope that I may be able to further justify the confidence reposed in me?

Faithfully yours,

E. H. SIMMONS.

Salford.

Calendar of the P.S.N.I.

SIR,—The first appearance of a Pharmaceutical Calendar is an event of some interest and importance, so that the new publication of the Pharmaceutical Society of Northern Ireland (*C. & D.*, May 18, p. 586) is worthy of comment. The dignified appearance and lay-out of this volume is no doubt based to some extent upon that of the older Irish Society, but the absence of advertisements is commendable. The poison laws and D.D.A. Regulations of Northern Ireland in this volume should be of advantage to qualified persons and students alike. A feature which is new to many is the Register of Apprentices; this should tend to inculcate a worthy pride of position in the mind of the apprentice. As the Fairchild scholarship is open to Northern Ireland students, details and conditions of entry would be helpful to eligible candidates, if incorporated in the next calendar. As reciprocity exists now between the Pharmaceutical Societies of Great Britain and Northern Ireland, it is possible that the Leverhulme scholarship conditions might be extended to include N.I. pharmacy students. Some time ago an announcement was issued stating that arrangements had been made with the Queen's University of Belfast for a B.Sc. degree in pharmacy. No mention of this appears in the Calendar. Among the Regulations dealing with the Sale of Methylated Spirits, one reads (in italics): "There shall be affixed to every bottle or vessel containing such spirits a label bearing the name and address of seller, and the name and address of person making the sale." This last clause has been a source of argument to some. It has been insisted upon, by at least one head constable, that this means the name and private address of person making the sale, whereas it has been the custom for this address to be given as the business address of the employer. Possibly this position could be cleared up. These comments are penned with a view towards constructive helpfulness, and in keen appreciation of the labour and toil involved in compiling what is a most excellent calendar.—Yours faithfully,

ARKAY (16/5).

Advertised Proprietaries

SIR,—Mr. Million, in his letter entitled "Be Fair to the Manufacturer" (*C. & D.*, May 11, p. 581), seems to forget our fundamental cause of complaint, which is that many of the advertised lines are merely copies or pirated editions of goods which the chemist made and sold years before the proprietary medicine trade reached its present stage. Why we should be foolish enough to encourage the sale of ordinary drugs under a branded title, and accept ridiculous bonuses for the use of our windows to push the sale of a line which only kills one of our regular sellers, passes my comprehension. There is nothing whatever to prevent us getting up a little competition on our own account, and I have always advocated this where there is much overlapping by grocers and others. After all, we open a shop for the sale of commodities in public demand, and I see no reason why any loss of dignity should be entailed in selling boxes of matches any more than by retailing pennyworths of pills; anything that we can sell legitimately and that there is a demand for is an addition to turnover.—Yours, etc.,

DIGNITAS (21/5).

A Question of Terms

SIR,—I do not often rush into print, but our treatment by Messrs. Eno makes one ask the question: is it worth while showing *any* advertised proprietary? Up to a point the P.A.T.A. has been so successful that it has made us lazy. We have relied on the P.A.T.A. to look after the profit for us, and by doing so have made a rod for our own back. The line of least resistance is to give window shows, but then what happens? The line becomes popular; the grocer and oil shops, drapers and stores take it up, and the cutters in the markets. Eventually we lose a large proportion of the sales which we have helped to create. Obviously we are unable to compete with these cutters because of the P.A.T.A. This cutting is growing, and the P.A.T.A. are powerless to stop it. Looking through my balance-sheets, I notice my percentage of gross profit before the war was higher than it is to-day, in spite of the cutting that was so prevalent then, for the simple reason that we put energy into our own lines. To cut out all window shows of proprietary goods and push our own lines and those of Ucal is the only remedy.

Yours faithfully,

BRIXTON (21/5).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

H. B. (18/48).—CLEANING SKYLIGHTS.—We are not acquainted with the nature of the preparation used by the railway companies, but suggest you try either of the following:—(a) Soap $\frac{1}{2}$ part, pearl ash 2 parts, water a sufficiency; (b) solution of sodium bisulphate.

Canis (15/58).—DOG NUISANCE.—The usual method of deterring dogs from defiling shop fronts is by sprinkling freshly powdered ammonium carbonate or a mixture of powdered sodium bisulphite (4), tartaric acid (1), the evolved gas in either case being distasteful to the animal. It is necessary, however, to take extra precautions to keep the lower part of the shop-front clean by systematically washing with soft soap and warm water. This should be done as a routine, and after the paint has dried the powder mentioned above should be distributed.

P. I. N. (15/58).—HAIR FIXING PREPARATION.—Mucilage made from quince seed or linseed could be used in place of tragacanth. Alternatives would be lime cream or a solution of $12\frac{1}{2}$ per cent. of castor oil in industrial spirit, suitably perfumed.

T. B. (4/58).—LABEL PROTECTIVE.—Presumably you have tried the usual method of sizing and varnishing. Another way of protecting the labels against drips is as follows:—Give the label a thin coat of collodion, and when this is dry go over it with a warm solution of gelatin (say, 1 in 5). Just before the gelatin solidifies moisten it with 40 per cent. formalin and allow to dry.

T. R. B. (14/58).—FURNITURE POLISHES.—The first two of the following formulas are of the cream type, while the others are more modern recipes:—

I		II	
Castile soap ...	2 oz.	Yellow soap ...	6 oz.
Yellow wax ...	1 oz.	Potassium carbonate ...	1 oz.
White wax ...	1 oz.	Water ...	3 pints
Turpentine ...	16 oz.	Dissolve by heat	
Boiling water ...	6 oz.	Resin ...	$\frac{1}{2}$ oz.
Melt the waxes on a water bath and add the turpentine. Dissolve the soap in the boiling water and mix the two solutions.		Yellow wax ...	$\frac{1}{8}$ oz.
		White wax ...	4 oz.
		Turpentine ...	30 oz.
		Dissolve the resin and waxes in the turpentine. Mix the two solutions, stirring briskly the while.	

III		IV	
Linseed oil ...	5 parts	Linseed oil ...	512 parts
Turpentine ...	3 parts	Spirit ...	24 parts
Cedar-leaf oil ...	2 parts	Butter of anti-mony ...	12 parts
Carbon tetrachloride ...	4 parts	Acetic acid ...	3 parts
Apply to the furniture by means of a soft cloth, rub well and polish with a dry duster.		Hydrochloric acid ...	3 parts
		Mix and allow to stand one week before use.	

R. G. D. (12/58).—MACLEAN'S ALKALINE POWDER.—The formula for this is as follows:—

Sodii bicarb. ...	3ss
Magnes. carb. pond. ...	5j.
Calcii carb. ...	5j.
Bismuth. oxycarb. ...	5ij

E. M. H. (26/4).—CORROSION OF ALUMINIUM.—Aluminium culinary utensils, these are generally made of substantially pure aluminium sheet, but some are drawn in 98.5:1.5 aluminium-manganese alloy. Aluminium is attacked by hard industrial waters. The corrosion is almost always accompanied by the formation of relatively deep pits and blisters. Each of the salts commonly present in hard waters, such as sodium chloride, calcium sulphate and calcium bicarbonate, has a specific corrosive effect on aluminium. This action, however, is relatively slight as compared with that which occurs when all three are present. Aluminium can, to some extent, be rendered immune to attack by being coupled to a more electro-positive metal or alloy, such as aluminium containing 5 per cent. of tin. Paints and varnishes, as protective coatings, have not proved satisfactory. The "anodic oxidation" process has, however, given promising results. Hard waters to which 0.01 per cent. of potassium nitrate, potassium bichromate or sodium silicate in excess of that required to soften the water has been added, do not pit aluminium. Boiled or boiling water does not attack the metal appreciably.

E. M. E. (8/4).—(1) VANISHING CREAMS.—These were dealt with at considerable length in the following issues of THE CHEMIST AND DRUGGIST:—June 25, 1927; July 9, 1927; July 16, 1927. (2) BEAUTY CULTURE FORMULAS.—The article to which you refer was published in the *C. & D.*, August 28, 1926.

R. C. T. (7/58).—Commission should always be paid on net profits—the only business basis.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 15, 1879

Boric Lint and Wool

Borlint (linteum boricatum), borwadding (sagena boricata), are lint and wadding impregnated with a solution of boric acid, containing 10, 15, or 20 per cent. The solution is prepared as follows:—

Acidi borici ...	10, 15, 20 grams.
Solve in	
Aquæ destillatæ calidæ ...	90, 85, 80 grams.

To dissolve all the acid the solution must be heated to 122° F. At this temperature the lint or wadding is soaked with it, and is applied, while still warm, wherever it is required.



[Commenced C. & D., July 5, 1924]

Ramie is one of the chief substitutes for flax fibres employed in the textile manufacturing industry. The plants belong to the nettle family, *Urticaceae*, and there are many varieties, of which the best fibre yielding species are *Boehmeria tenacissima* (green leaved) and *Boehmeria nivea* (white leaved). The former is grown in Java, Sumatra, Borneo, Malacca and Mexico, while the latter is mostly confined to China, India and Formosa. The fibre is known in India as "rhea," and the produce from China, which is usually hand-cleaned, is described as "China grass." The woven fabric is marketed by Britain and the United States principally and is often cottonised.

Rayon is the term which has been universally adopted to describe all artificial silk fabrics, the word having been used in this sense by the French from the early days of the industry. The observations by John Mercer of the action of acids and alkalis on cotton, may be regarded as the starting-point of the research work from which this growing industry has sprung. The process of forming artificial silk threads or filaments is an imitation of the natural method performed by the silkworm as it builds its cocoon. The production of cellulose acetate threads is the ultimate object and the outline of the method is as follows:—Cotton which has previously been bleached and scoured is treated with acetic anhydride, glacial acetic acid and a trace of sulphuric acid; after standing for some hours the cellulose acetate which has formed is dissolved out in acetone or any other appropriate solvent, the solution is filtered and forced through fine nozzles into an atmosphere of warm, dry air, where coagulation takes place, and the threads are wound on to suitable receptacles.

Ready Reckoner.—This is a book with calculations of useful amounts already made (generally to the nearest farthing), such as the multiplication of sums of money, percentages, and so on, and it is a time-and labour-saving item which should find a place on the chemist's desk. Even the man who is quick and accurate at figures can use a ready reckoner with advantage, for it provides an independent check on his calculations, and enables trade discounts and commissions to be verified quickly. It is as well for the chemist to mark in the ready reckoner those sections in which the percentages and other calculations most affecting his particular business are located, in order that they may be turned up with the least possible delay.

Realgar.—This substance is the naturally occurring form of arsenic disulphide. It is found in oblique rhombic prisms belonging to the monoclinic system. They have an orange-yellow colour. It is found, together with lead and silver ores, in the Hartz Mountains and other localities, and has been found in minute crystals in Vesuvian lavas. The artificial arsenic disulphide is known as red arsenic glass or ruby sulphur.

Rebate.—A deduction from a sum of money to be paid. In banking, a drawee taking up a bill of exchange before it becomes due may be granted a rebate, which is equivalent to interest on the unexpired period of the bill. Some shipping companies allow a rebate on freights under an agreement extending over a given period. Drawback on certain articles is subject to rebate—e.g., the rate of drawback on beer per standard barrel is subject to a rebate per bulk barrel. (See Drawback.)

Receiver.—An official appointed to take charge of an undertaking on behalf of the debenture-holders when there has been a default of interest, or on behalf of general creditors. This process is equivalent of "putting the brokers in."

Recipe.—The O.E.D. definition (Sense 2) is "a formula for a medical prescription; a prescription, or the remedy prepared in accordance with this." The earliest quotation given for this sense of the word dates from 1584. It seems probable that the word was first used at the beginning of every prescription, as it still is in the symbol "R," and that it was afterwards adopted as a name for the prescription itself. The most usual connotation of the word in pharmacy is a formula for any remedy or other prescription, written usually in English and not by a medical practitioner, dentist or veterinary surgeon.

Reciprocity.—Section 4 (b) of the Poisons and Pharmacy Act, 1908, provides for "registration, upon payment of the prescribed fee, as pharmaceutical chemists or chemists and druggists under the Pharmacy Acts, 1852 and 1868, without examination, of any persons holding colonial diplomas" by the Pharmaceutical Society of Great Britain. Each case is considered by the Council of the Society, and reciprocal arrangements have been made with States in the Commonwealth of Australia and, to a limited extent, in Canada. Reciprocity with Northern Ireland has been ensured by the passing of the Pharmacy Act, 1929.

Re-Conditioned is a term applied to crude drugs which have been damaged by sea or fresh water, or by fire, etc., and subsequently made merchantable and re-packed.

Record Card.—Title of a card issued to every employed contributor under the National Health Insurance and Pensions scheme. It contains a record of (a) contributions paid, and (b) of benefits and charges, the total sum available at any time being ascertainable by deducting amounts entered under (b) from amounts entered under (a).

Red Cinchona Bark.—See Cinchona.

Reddle.—See Raddle.

Red Gum.—See Eucalyptus Gum.

Re-direction of Letters.—Any kind of postal packet may be re-directed to the same addressee at another address, either by an officer of the post office or by an agent of the addressee after delivery, without additional charge. This applies to letters, postcards, printed papers and newspapers. The packet must be reposted not later than the day after delivery (Sundays and public holidays not being counted), and must not previous to redirection be opened or tampered with. Redirected packets reposted later than the day after delivery will be liable to charge at the pre-paid rate.

Red Lead.—This is prepared from lead monoxide (PbO) by heating in air at temperatures not over 300° C. Oxygen is absorbed, the red oxide (Pb₃O₄) being formed. The ordinary composition is Pb₃O₄ = 2PbO.PbO₂, but samples have been found corresponding with Pb₃O₅ = 3PbO.PbO₂. It is crystalline in structure, s.g. 8.62–9.19. On heating it darkens in colour, but regains its colour on cooling, further heating resulting in oxygen being given off. Nitric acid partially dissolves red lead, leaving lead dioxide as a purple-brown powder, but if, however, a little sugar or starch is added to the nitric acid the red lead will be completely dissolved. In dilute acid the lead passes into solution as lead nitrate, but if the acid is concentrated the nitrate crystallises out. Addition of hydrochloric acid to lead dioxide or to red lead results in the evolution of chlorine, according to the following formulae: PbO₂ + 4HCl = PbCl₂ + Cl₂ + 2H₂O; Pb₃O₄ + 8HCl = 3PbCl₂ + Cl₂ + 4H₂O. The chlorine evolved may be passed into a solution of potassium iodide and the liberated iodine titrated with thiosulphate to give indirectly the amount of lead dioxide in red lead. Red lead is used almost entirely as a pigment. It should be used with raw linseed oil, as with boiled oil it dries too quickly, giving a brittle surface.

Red Mercuric Iodide.—Hydrargyri iodidum rubrum, B.P., is prepared by adding a solution of 40 parts of mercuric chloride in 800 parts of water to 50 parts of potassium iodide in 800 parts of water. Mercuric iodide is precipitated, as it is almost insoluble in water. The B.P.C. and the U.S.P. both require a purity of 99 per cent. mercuric iodide. It is a bright scarlet powder, turning yellow at about 150° C. It is readily soluble in alcohol, castor or



The C.&D. Commercial Compendium



olive oils, ether and potassium iodide and mercuric chloride solutions, and almost insoluble in water, but the addition of 4/5th of its weight of potassium iodide renders it soluble. It is used in surgery as an antiseptic in aqueous solution (1 in 2,000—5,000) for wounds, and in spirit (1 in 500—2,000) for the skin and hands. A solution in olive oil is also used for hypodermic injections. An ointment 1 in 4 is used in veterinary practice to produce vesication.

Red Mercuric Oxide.—See Precipitate Red.

Red Mercuric Sulphide.—This substance is largely used under the name vermilion as a pigment. It is also used in medicine (hydrarg. sulph. rub.) in the form of an ointment, 1 to 2 per cent., for chronic skin diseases, or in place of calomel for mercurial fumigation. It is identical in composition with cinnabar, but cinnabar is, however, rarely bright enough for use as a pigment. It is usually prepared artificially from mercury and sulphur by either the "dry" or "wet" processes. Both require the preparation of a blackish sulphide of mercury, known as Ethiops mineral, by grinding mercury and sulphur together. It is usual to use an excess of sulphur and remove any uncombined sulphur by treatment with nitric acid. By the dry processes the red sulphide is prepared from Ethiops mineral by heating and sublimation. The wet processes necessitate the addition of potassium hydroxide and heating for several hours at 50° C. Examination of vermilion can usually be carried out by agitating with alcohol, allowing to settle, then filtering off the alcohol. The presence of eosin, or any other dye added to enhance the colour, would give a pink colour to the alcohol. The determination of the ash on ignition at a fairly low temperature can be used as a criterion of the amount of inorganic adulteration. There should not be more than 1 or 2 per cent. of residue. The more usual adulterants are red lead and scarlet antimony sulphide. Chinese vermilion, which has a reputation for excellent colour, generally contains a small amount of glue.

Red Metal.—A term applied to alloy, about 90 per cent. copper and ten per cent. zinc.

Red Pepper.—See Capsicums.

Red Poppy Petals.—*Papaver Rhæas*, Linn. (N.O. *Papaveraceæ*). Six species of red poppy occur wild in this country, but as the petals are usually gathered by cottagers' children, attention is not paid to the slight differences they present. The official species has large scarlet petals and a roundish capsule without bristles on it. *P. dubium* differs in having a narrower club-shaped capsule without bristles and rather broader segments to the leaves and the petals are of a paler red tint. Another species, *P. Lecoquii*, has also a club-shaped capsule, and the sap becomes dark yellow in the air. A third species, *P. argemone*, has also a clavate bristly capsule, but has small pale red flowers. A species with roundish capsules and small flowers, *P. hybridum*, differs from *P. Rhæas* in the capsules being bristly and small flowers, often purplish, having a dark spot at the base. Only one of these, *P. dubium*, is objectionable, but it is easily distinguished by its club-shaped capsule without bristles and rather paler red flower. The petals of this species contain a toxic alkaloid, aporeine, resembling thebaine in its action, and they should therefore be rejected if possible. The flavour of *P. Rhæas* contains besides rhæadine a new alkaloid obtained by Hesse (Archiv der Pharm., 1890, p.7), but its properties have not yet been ascertained. In some places the red poppy petals have a more or less large purple spot at the base, possibly derived from hybridisation with a garden species, *Papaver umbrosum*, as the red poppies so marked have a deeper red colour and give a finer red syrup than the typical flowers. The colouring matter of the petals is probably partly due to mecocyanin, possibly combined with an acid, and partly also to the alkaloid rhæadine, which is known to yield an intense red colouring matter when decomposed by hydrochloric acid. The alkaloid rhæadine is also contained in opium. The collection of red poppy petals by the hundredweight is a matter of

some difficulty as they are often required in quantities up to a ton, so that previous arrangements are necessary. Although the red poppy keeps in blossom for several weeks, there are only three weeks during which the flowers are plentiful enough to pay the collectors; these are normally the last week in June and the first two in July, so that at the rate of one cwt. per day, only 1½ tons could be gathered during the abundant period. Wet weather prevents the collection of the petals, which, as they already contain 85 per cent. of water, soon collapse into a 'pasty mass when packed, and must be sent off by rail the same evening that they are collected, and must reach the wholesale house not later than Thursday in any week or they cannot be dealt with. In order to get one cwt. even in a day a lorry must be sent round to villages near which it is abundant to collect by arrangement with cottagers for the petals to be ready when the motor calls.

Red Sanders Wood.—See *Pterocarpus*.

References.—See Assistants.

Registered Druggist.—A term first given a statutory meaning in the Pharmacy Act (Ireland), 1875, Amendment Act, 1890, which also set up a class of qualified persons known as chemists and druggists. (See Pharmacy Acts: Ireland.) Apparently there was some doubt in the minds of the framers of the Act whether the single word "druggists" was to be used to designate registered druggists—e.g., in Section 7 the expression "registered as a druggist" is used. Registered druggists are entitled (Sec. 5) to keep open shop for the sale, retailing or mixing of poisons, but not to compound medical prescriptions. The statutory examination comprises (Sec. 8) English, arithmetic, the weights and measures of the British Pharmacopœia, the appearance and properties of the drugs and chemicals in general use, and the Sale of Poisons (Ireland) Act, 1870; and every candidate must have served an apprenticeship of not less than four years to a pharmaceutical chemist, apothecary, chemist and druggist, or registered druggist. Registered druggists are eligible to become associate druggists of the Pharmaceutical Society of Ireland, and any number not exceeding seven may be elected to its Council. Druggists or chemists and druggists who had commenced business after the passing of the Act of 1875 and before that of 1890 became effective were entitled to be registered on passing a modified examination and paying a fee. Section 7 of the Poisons and Pharmacy Act, 1908, rectified an omission from the Irish Act of 1890 by providing for carrying on the business of a registered druggist or chemist and druggist in Ireland after his death. When the Pharmacy and Poisons Act (Northern Ireland), 1925, came into force there were in business in Northern Ireland several registered druggists holding the qualification of the 1890 Act. Section 6 and Schedule 2 of the Act contain provisions designed to facilitate removal from the grade of registered druggist to that of pharmaceutical chemist. While, however, the Act does not contemplate the ultimate survival of the class, provision is made (Sec. 8) for a register of druggists, who, like pharmaceutical chemists and the intermediate class of chemists and druggists, are required (Sec. 17) to take out an annual licence in respect of each shop. (See Pharmacy Acts: Northern Ireland.) A limit of five years (extendable for another five years at the discretion of the Council of the Pharmaceutical Society of Northern Ireland) is prescribed (Sec. 19) for carrying on the business of a deceased druggist under qualified management. As in the Irish Act of 1890, the terms "druggist" and "registered druggist" are both used in the Northern Ireland Act. Schedule 3 includes a form of annual licence for a person or company carrying on the business of registered druggist. No provision was made in the Act for continuing such businesses of deceased druggists (and the two other classes) as were already in existence: this oversight was remedied in the Pharmacy (Temporary Provisions) Act (Northern Ireland), 1926.



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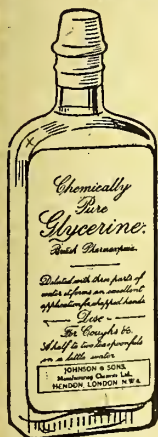
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CHEMICALS**

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Bismuth Carb.
Extra Light

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CITRIC ACID

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**SOLAZZI JUICE IS GUARANTEED
TO CONSIST ENTIRELY OF THE
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CALABRIAN LICORICE ROOT
WITHOUT ANY ADMIXTURE WHATEVER**

Should any enquiry as to the composition of
SOLAZZI be received from the public, Chemists
are asked to emphasise the fact that SOLAZZI
is not included in the category of Secret
Remedies, and that the accompanying guarantee
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TARTARIC ACID

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CRYSTALS and
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ACID PYROPHOSPHATE OF SODA

Quality in all respects equal to Cream of Tartar, especially as regards stability of Baking Powder.

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PACKED OR IN BULK, FOR WHOLESALE,
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Enquiries are invited for

**ASPIRIN AND CASCARA
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IN BULK OR PACKED.

A Customer writes:—"Re Aspirin Tablets. Your sample was one of the best we have ever had, we anticipate doing good business with you if you can maintain that quality."—We CAN, AND MEAN TO!!

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Private formulae Pills and Tablets carefully and accurately prepared at lowest possible prices.

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SODIUM SALICYLATE B.P.

A "P.M. BRAND" PRODUCT OF OUTSTANDING
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SUPPLIED IN BOLD, BRIGHT GLISTENING
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SEND A POST-CARD FOR SAMPLES OR PRICES.
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and **SALICYLIC ACID B.P.**

all of which maintain the P.M. Standard.

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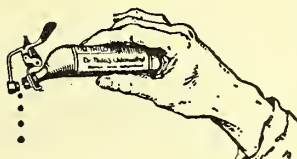
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STANNOXYL

N.H.I. In addition to the original tubes of 80 tablets, packages containing 24 tablets, for the dispensing of N.H.I. prescriptions, are now available.

STANNOXYL (Brand) PRODUCTS

		Retail	Wholesale
TABLETS (tubes of 80)	3/- each	28/- per dozen
.. (N.H.I. packages of 24)	—	9/- ..
LIQUID (bottle of 3 oz.)	4/- ..	36/- ..
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OINTMENT (tube)	3/- ..	28/- ..
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Concise List of Products and new Price List on request.

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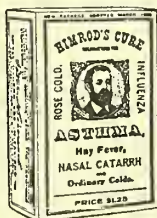
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BRONCHIAL ASTHMA
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Will be quickly helped by the use of this time-tried remedy.
Burn half a teaspoonful, inhale the fumes and the distress vanishes.

ON THE MARKET FOR OVER 50 YEARS

"Himrod's Cure is a well known product, very useful in many cases."
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Protective Mark
Patented in U. S. and
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Ergopiol
(Smith) is identified by the letters "M. H. S." raised in the gelatin on the inside of each capsule—thus



Capsule cut in half thru the seam, showing initials.



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[Ergopiol (Smith) is to be had only in packages of twenty capsules each—never supplied in bulk or other form.]

MARTIN H. SMITH CO., New York, N. Y., U. S. A.

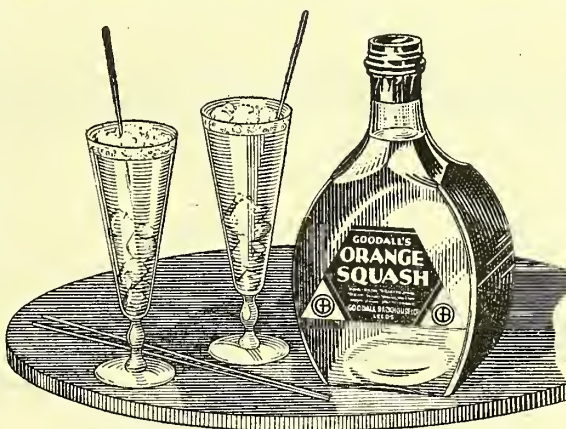
Make money from the demand for *Natural Drinks*—

GOODALLS' Fruit Squashes

This summer you will sell more — more easily

There are several good reasons why you will make more, and easier, sales and profits during the summer months by selling Goodall's Natural Fruit Squashes. What's in a name? In the name of Goodall, Backhouse there is a very big measure of public confidence. Anything offered under that name is accepted without question as the best of its kind. This simple guarantee of the maker's reputation means easier sales.

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Quality counts most of all—more particularly in repeat sales which are most profitable. Goodall's Fruit Squashes are as good as pure ingredients and human skill can make them. There are 3 flavours, Lemon, Orange and Grape Fruit, and each is made from fresh fruit and pure cane sugar. No synthetic flavours are used—the clean, piquant,

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A dozen bottles of Goodall's Natural Fruit Squashes are in themselves a display that will do all the selling necessary.

Backed up by this attractive showcard size 12½ in. x 9 in., given free with each order, they are irresistible. There will be a big demand for Fruit Drinks this summer. Send an order now and reap the golden harvest.

PRICE LIST

GOODALL'S NATURAL FRUIT SQUASHES

MADE in three flavours, Lemon, Orange and Grape Fruit, bottled in attractive clear-glass decanters.

Orange and Lemon make 6 Decanters to the gallon, Grape Fruit 8 and

their cost is 18/- per dozen (small quantities).

1 doz. case	-	-	-	17/-	net
3 cases at	-	-	-	16/6	net
3 doz. carriage paid,					Showcards Free

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Compound Syrup of HypophosphitesTRADE **"FELLOWS"** MARK

Compound Syrup of Hypophosphites "FELLOWS," in addition to being in constant and increasing demand, adds distinction to a chemist's show window. It is a symbol of progressiveness and reliability.

Tablets Laxative "FELLOWS"*"The Tablet With a Pedigree"*

IN TWO SIZES, NAMELY:

LARGE BOTTLES
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NIGROIDS for the Throat and Voice

Registered Trade Mark.

Sold in tins 4½d. and 1/6 each.

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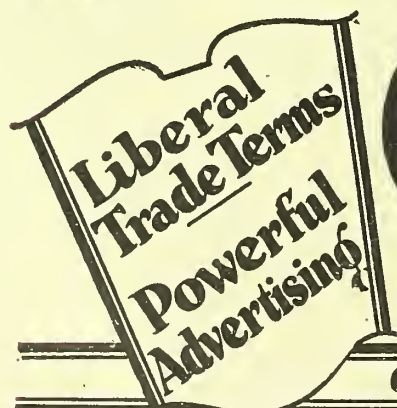
"SPETON"

Originally known to the
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"SPERMATHANATON."

*Entirely free of Quinine and Cacao butter***ANTISEPTIC PROPHYLACTIC TABLETS**

Manufactured by

Sole Agents for U.K. & British Colonies,

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THE
PHYSICIAN'S REMEDY
for

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Is now being vigorously advertised throughout the country.
POWDER AND TABLETS. RETAIL AT 1/3 and 3/-

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CEPHOS LTD.**BLACKBURN**

HYDROGEN PEROXIDE

IN BOTTLES—ALL STRENGTHS

Exceptional Stability and Purity

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GENOXIDE LIMITED, LUTON

May we call your

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PETROLAX

(BROWN CARTON)

(REGISTERED TRADE MARK)

THE IDEAL PARAFFIN AND AGAR-AGAR EMULSION

PETROLAX COMPOUND

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A COMBINATION OF PETROLAX AND PHENOLPHTHALEIN

PETROLAX ALKALINE

(BLUE CARTON)

A COMBINATION OF PETROLAX AND MIST. MAGNES. HYDROXIDI

Note the Prices:—RETAIL 2/- (Nominal $\frac{1}{2}$ lb.) 14/- doz.

„ 3/6 („ 1 lb.) 24/- „

„ 6/- („ 2 lb.) 44/- „

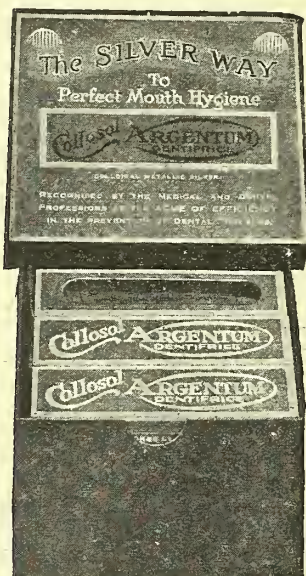
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THE SILVER WAY to Perfect Mouth Hygiene



Pharmacists' attention is drawn to the new and attractive counter display Container, supplied with every order for 12 tubes, and with which one extra tube is sent as bonus.



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Dr. COLLIS BROWNE'S IS THE ORIGINAL
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There is NO Substitute

As most wholesalers supply on our best terms, we shall esteem it a favour if you will order with other goods.
On P.A.T.A. PROTECTED LIST, and must be sold at face value.

**GOOD PROFITS
GUARANTEED**



Sole Manufacturers:
J. T. DAVENPORT LTD.
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TRY AN 'ASPRO' WINDOW DISPLAY AND BUY ON BONUS TERMS

We are frequently pointing out the wonderful pulling power of the 'ASPRO' Window Display on account of its linking up with continuous and ever-increasing publicity. A test made of a display will interest all chemists who wish to increase their business.

'ASPRO' has a Tremendous Power to Build Up a Chemist's Business

A test will demonstrate what a great power 'ASPRO' Publicity is to help the Chemist. It is not only on account of the actual 'ASPRO' that it usually sells, but also on its great value in bringing customers into the Chemist's shop who would not otherwise have come in. Every time you put an 'ASPRO' window display in you connect up with a £200,000 continuous advertising activity just the same as if you put your own name at the foot of the advertisements. Why not write us for a window display to-day, also take advantage of the liberal bonus terms shown below whereby you can make an extra 17% profit?



SEND FOR ONE OF THESE DISPLAYS



Buy 'ASPRO' on Bonus Terms and Get 17% EXTRA PROFIT

Just have a look through your purchases of 'ASPRO' and you will find that you are in a position to buy on Bonus terms. Buying on Bonus terms means extra profit averaging 17% to you. So why not place your next order through your Wholesaler on Bonus terms?



WHAT THE BONUS IS

BONUS ON 10's

One Gross Order - Bonus 1 dozen packets.
Half Gross Order - Bonus ½ dozen packets.
Half Gross 10's is minimum order accepted for Bonus purposes.

BONUS ON 25's

One Gross Order - Bonus 2 dozen packets.
Half Gross Order - Bonus 1 dozen packets.
Quarter Gross Order - Bonus ½ dozen packets.
Quarter Gross is minimum quantity.

NO BONUS ON 60's

CONDITIONS

The conditions are, that upon receipt of each bonus the chemist undertakes to show 'ASPRO' Display matter in his shop window for 14 days, and to sell at advertised prices. Acceptance of bonus is considered as acceptance of these conditions. To qualify for the bonus it is not necessary for the chemist to buy both sizes at the same time, but single lots may be ordered—viz., 6 doz. 10's, or 3 doz. 25's.

[As 'ASPRO' is so extensively advertised, this Display will not only bring customers into the chemist's shop to purchase 'ASPRO,' but will enable the chemist to make other sales as well.]

HOW TO ORDER BONUS PARCELS

We do not sell direct to the Chemist, all our business going through a Wholesaler. Orders may be sent either to your Wholesaler or direct to us. If to us, state the name of your Wholesaler so that we may forward the order on, and the Bonus will be supplied direct by us.

ORDINARY PRICES for UNSTAMPED 'ASPRO' are as follows:

6d. size containing 10 tablets	-	4/6 dozen
1/3 size containing 25 tablets	-	11/6 dozen
2/6 size containing 60 tablets	-	21/- dozen

Subject to 2½% discount 30 days. NOTE.—2/6 size contains 10 extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents: GOLLIN & Co. Pty. Ltd. ('Aspro' Dept.), Slough, Bucks.

No proprietary right is claimed in the method of manufacture or the formula.

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Wholesale Prices.

		SIZES.		PRICE PER DOZEN.
Clarke's Blood Mixture	3/- & 12/-		£1:7:0 & £5:8:0
„ Miraculous Salve .. ..	..	1/3, 3/- & 5/-	11/-,	£1:7:0 & £2:4:6
„ Special Aperient Pills .. ..	..	1/3, 3/- & 5/-	11/-,	£1:7:0 & £2:4:6
„ Patent Skin Lotion .. ..	..	1/3		11/-
„ Medicated Soap .. ..	..	1/-		9/-

Orders: Minimum quantity £16 : 4 : 0 value.
FREE CASES. Carriage paid upon orders of £100.

All Wholesale Houses keep a large stock of our Preparations and can supply smaller orders promptly.

Minimum Retail Selling Prices : 1/-, 1/3, 3/-, 5/- & 12/- Face Value, giving a PROFIT of 33 $\frac{1}{3}$ % on cost to Distributors.

An attractive Showcard and Dummies supplied on application.

Trade Mark: "BLOOD MIXTURE." Regd. No. 3275.

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THE LINCOLN & MIDLAND COUNTIES DRUG CO., LTD.
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FOR . . .
**SEXUAL NEURASTHENIA and
IMPOTENCE.**

TESTOGAN tablets and ampoules.
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HOVALETTEN TABLETS. Sedative and Hypnotic.

FOR . . .
**RHEUMATISM, GOUT, NEURALGIA,
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ATOCIN tablets.
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ELIXIR NEUROGENIC (Cavendish) TONIC
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PENNYROYAL & STEEL PILLS**

Advertised all over the world.

ESTABLISHED 100 YEARS.

Sole Proprietors:

E. T. TOWLE & CO., LTD.
TOLL ST., NOTTINGHAM

**Tested, Tried and
Proved**

THE value of 'Yadil' is fully recognised by qualified judges. It has been sold all over the world and is being used to-day "back of beyond" as well as in the homes of our own country. Its sale is steadily increasing, old customers are retained while new ones are being added. One or two displayed bottles will quickly establish business which will prove profitable and regular. Any assistance we can give in the provision of advertising material is yours for the asking. The 'Yadil' lines cover, 'Yadil' Antiseptic (liquid and pills), 'Yadil' Ointment, 'Yadil' Pastilles and 'Yadil' Soap.

YADIL PRODUCTS (1925) LTD.,
Sicilian House, LONDON, W.C.1

Chemists & Druggists

should note that

BEECHAM AND VENO CUSTOMERS are satisfied customers, who come again and again to their establishments, and can always be regarded as potential purchasers of other articles.

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BEECHAM AND VENO PROPRIETARIES entail no loss to the Chemist, as any stocks which may become damaged in any way are promptly replaced free of charge.

BEECHAM AND VENO PROPRIETARIES remove worries regarding overhead charges. It is important to have QUICK SELLING LINES to meet such charges.

BEECHAM AND VENO PROPRIETARIES are advertised under an advertising appropriation of approximately £500,000 per annum, and these lines are now regarded as the best selling proprietaries in the Drug Trade.

BEECHAM AND VENO PROPRIETARIES are worth a display in your establishments, as their steady and increasing sale will amply repay any selling co-operation extended to them.

BEECHAM-VENO PROPRIETARIES are made from the finest quality drugs, and can safely be recommended by Chemists to their customers.

Therefore, it is in the interests of all Chemists and Druggists to hold good supplies of

BEECHAM'S PILLS
DR. CASSELL'S TABLETS
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VENO'S LIGHTNING COUGH CURE
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For latest Price List and particulars send a post-card to

BEECHAMS PILLS LIMITED,
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REDUCES BLOOD PRESSURE

THIS product has been employed successfully for some years in the treatment of high blood-pressure. The reduction brought about within one week, by so few as 15 tablets, is eloquent of its effectiveness.

ANABOLIN is being called for increasingly and can be obtained promptly through your usual wholesaler.

Retail Price

Tab. ANABOLIN vials of 15 tablets - **4/6**
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"ARCOLAX"

A natural Vegetable Product for the treatment of Habitual Constipation.

Boxes **3/4**

"ROBUVAL"

Elixir Strontii Bromid. et Valerian.
Deodorat. An extremely palatable
Calmative and Nerve Sedative.

8 oz. Bottles **3/6**

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Sole Agents for PISTANY Radio-Active
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DISINFECTANTS

OF ALL KINDS.

COAL TAR FLUIDS AND POWDERS
all strengths

CARBOLIC AND CRESYLIC ACIDS

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CINEMA SPRAY SOLUTIONS

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RELIABLE

Ucal Health Salt

In spite of heavy competition from advertised brands, sales continue to show large increase.

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A good Saline, PROFITABLE, and packed in airtight tins & handsome 1-doz. Display Outers

8½ d. size 5/6 doz.

1 gross 60/- 2 gross 54/-

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3 doz. 9/6 doz.

Specify on your Order—free supply 2-colour handbills

Plentiful Show Material.

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AMOGAS

the

DOUBLE STRENGTH AMMONIA

for the Bath, Toilet, etc.



Full particulars from:—

THORNTON & ROSS LTD

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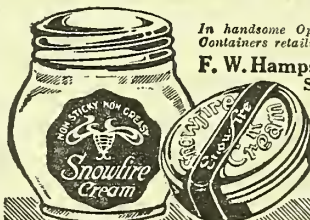
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More and
more
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Snowfire Cream is fast becoming the popular favourite. Chemists all over the country are sending in more and more orders every day. Women in their thousands are finding in this fragrant non-greasy cream a real skin beautifier. Recommend Snowfire and secure quick sales and a rapid turnover.

Snowfire CREAM



In handsome Opal jars and neat Aluminium Containers retailing at 1/3 and 3d, respectively.
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for the

British Public

per the

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Pharmacist



On P.A.T.A. LIST

In 1/3, 3/-, 5/-, 12/- and 22/- boxes

Box's Pills have a special public of their own—many of whom have had to go considerable distances to obtain their favourite medicine, or to order from Plymouth, for lack of a local source of supply. Pharmacists are now co-operating in distribution of Box's Pills in increasing numbers, and healthy local demand is developing. Stock them and show them and you will sell them. Display outers and other attractive show material free on application.

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GIANT PILL MANUFACTORY 161 King St., PLYMOUTH

Telegraphic Address: "GIANT," PLYMOUTH.



To protect our retail friends

against making a loss by
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we now date every tin that
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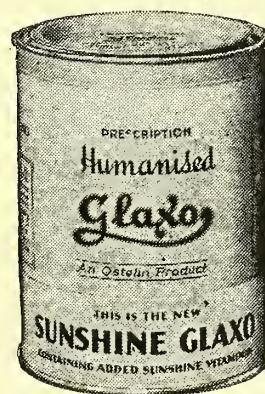
The first batch issued bears
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WHAT IS SUNSHINE GLAXO?

The wise chemist bears in mind the latest
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He knows that no milk-food is now con-
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Sunshine (Humanised) Glaxo has set the
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ONLY TWO SIZES
2/- & 4/-

SUNSHINE GLAXO

WITH ADDED VITAMIN D

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FOR—

EFFERVESCENT SALINE (granular or fine powder) in bulk
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CITRATE OF MAGNESIA Bulk, or packed in Kali bottles.
Choice of various labels.

SEIDLITZ POWDERS Guaranteed hand weighed, and made from
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PRO-SPA-QUA (EFFERVESCENT) **CARLSBAD POWDER**
Contains no sugar. The speciality to push for gout, rheumatism, etc. Bold
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SEND A POST CARD WITH YOUR REQUIREMENTS AND ASKING FOR QUOTATIONS.

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The ORIGINAL and BEST. Extensively used throughout
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Best for the Public—Best for YOU—all-ways.
DOES NOT REQUIRE CUSTOMER'S SIGNATURE.

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A wonderfully efficient Tonic. Especially prescribed.

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CROMESSOL

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DUTCH DROPS

The Original HAARLEM OIL

Also in Capsule Form.

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HAY FEVER CAN BE VERY SUCCESSFULLY COMBATED WITH POLLANTIN

(A Serum discovered by Prof. Dunbar in 1903)

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The
Famous Natural Aperient Water.

Hunyadi János

An extensive propaganda is being carried out among the Medical Profession and the general public which is resulting in a largely increased demand for this world-renowned NATURAL Aperient Water.

Prices to the Trade:

24/- per doz. large bottles - or 48/- per case of 25
18/- " " small " - or 72/- " " 50

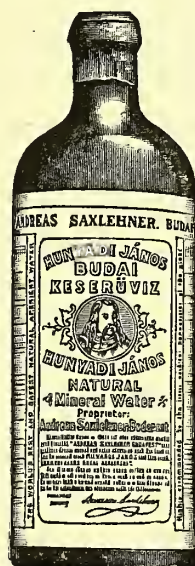
Net, Carriage Paid.

Minimum Retail Prices:

2/6 per large bottle.

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Hunyadi János has for more than fifty years been recognised as the best of the **NATURAL** mineral waters containing sulphate of soda and sulphate of magnesia. Its laxative action is sure but gentle; it stimulates the liver and cleanses the blood.



Doctors are constantly prescribing Hunyadi János in preference to ordinary aperients, whilst many of your customers who know its value are already using it. Traders would therefore find it to their advantage to keep a stock of this famous **NATURAL** Aperient Water.

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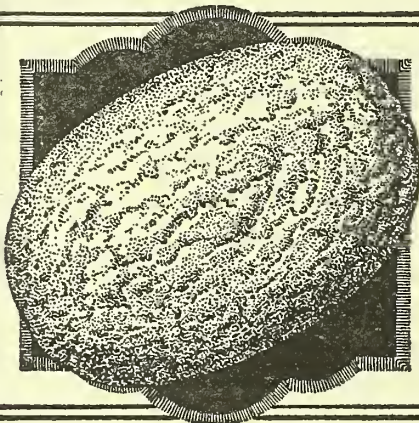
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Delicious Horlick's Toffee

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THESE important products figure prominently on the order list of retailers everywhere.

They can now be ordered on special, generous new terms!

The introduction of Chocolate Flavoured Horlick's has brought many hundreds of new customers and has created an increased demand for all Horlick's products. To meet these requirements, Horlick's now offer a new £3 carriage paid parcel, which may contain *any Horlick product*. Moreover, it is subject to the same discounts which formerly applied only to £5 lots.

Link up with the forceful advertising that is creating daily more customers for Horlick products—especially the new Chocolate Flavoured Horlick's. A £10 parcel carries an extra discount—write for particulars.

Post your order today—or, if you wish for further details before ordering, write for a free price list. Horlick's Malted Milk Co., Ltd., Slough, Bucks.

Telephone	-	-	-	Slough 265 (3 lines)
Telegrams	-	-	-	Horlick, Slough
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Telegrams	-	-	-	Hormilko, Manchester



Products which may be included in the £3 parcel

Horlick's (original) Malted Milk

Horlick's Chocolate Flavoured Malted Milk

Horlick's Tablets: *in glass pocket flasks of convenient size*

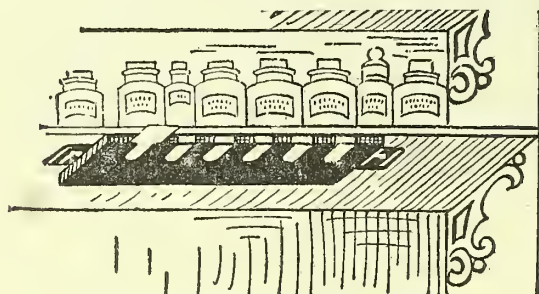
Horlick's Toffee: *creamy, golden toffee, attractively packed*

Horlick's Malted Milk Rusks: *for nursery use—packed in decorative tins*

Special Horlick's Mixers: *for preparing plain or Chocolate Flavoured Malted Milk*

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EXTRACT OF HERBS****MASON'S
WINE ESSENCES**

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**CLARK'S
LIVER SALT**FOR SUMMER WINDOW
DISPLAY ALLOWANCES
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NOTTINGHAM.**Good! It's Mason's**

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(Provisional. Patent)

LABEL RACKwhich is made to fix to under
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It holds six separate lots of 100
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**Saint-Raphael****Tonic, Restorative,
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**ANÆMIA, DEBILITY, and
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Recommended by—

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FOOD***for Infants and Invalids*

WELL ADVERTISED to the GENERAL PUBLIC.

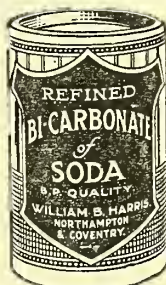
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The national advertisements for Drummers are in full swing making more and more customers. Bring them into your shop, use the powerful displays and sales helps we offer free—and have a good stock of this favourite dye.

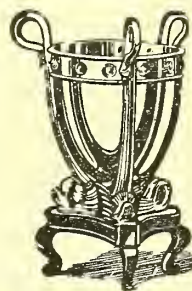
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DRUMMER DYES 4^{PD}

EDGE'S
BOLTON

13

In the last
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TOWN TALK LIQUID SILVER POLISH & SILVER PLATE CLOTH have increased 3 Fold

Get your share of the
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On
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FOR COUGHS AND COLDS, RHEUMATISM,
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"THE TEMPER OF FINEST STEEL"

When pulled
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NEVER.THE TRADE EXCLUSIVELY
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For Corns, Bunions,
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IMPROVED MODEL

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Magnifying Power 50 to 420 diams.

In case with lock and key.

Sent free to any part of
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16 GRAND PRIX

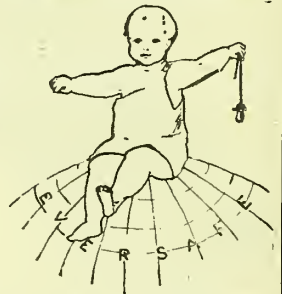
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BABY
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Sample Order, 3 dozen
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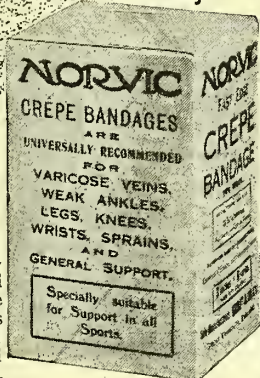
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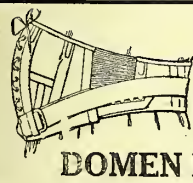


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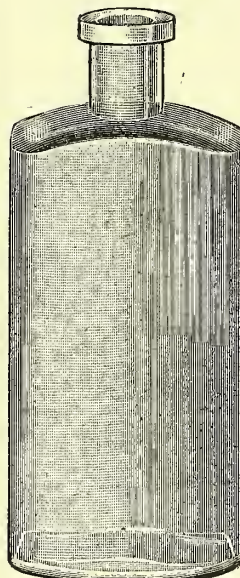
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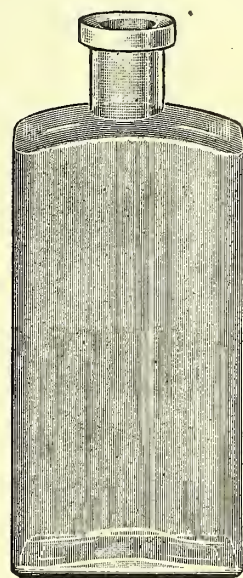
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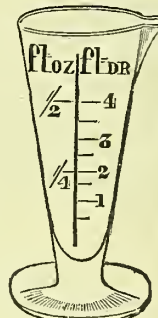
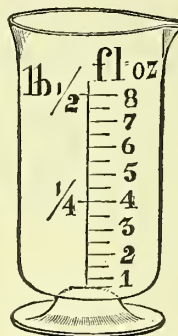
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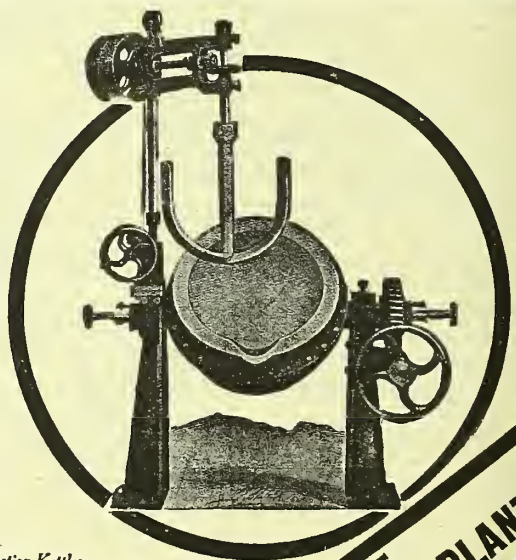
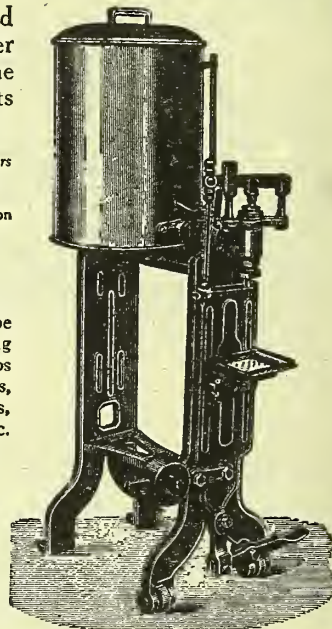
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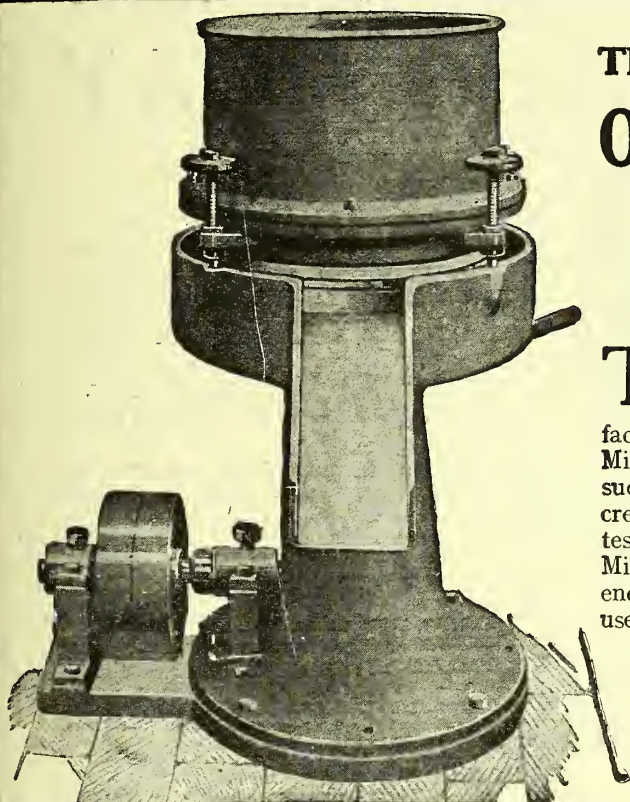
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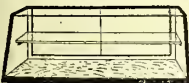
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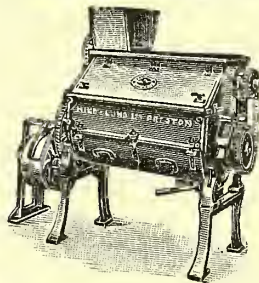
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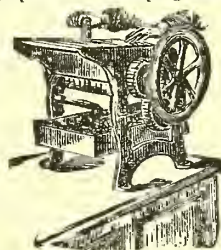
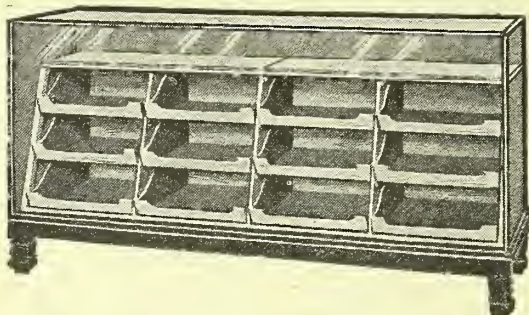


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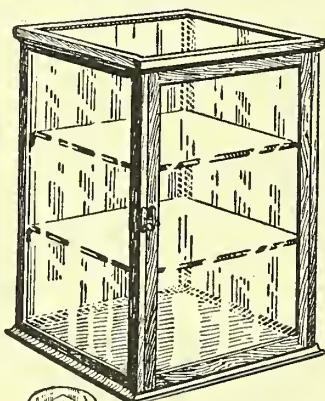
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10.—GLOUCESTERSHIRE (Borders of).—Very good-class Business, with Kodak Agency; established 1762; returns £3,100, with net profit £620; chartered accountant's figures; double-fronted shop, well fitted and stocked; good living accommodation with private entrance; rent £47; long lease; valuation terms entertained; total price about £2,250.

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7.—**LONDON, N.W.**—Retail Dispensing Business on 13 years' lease at £52 per annum inclusive; returns £1,000 p.a.; excellent opportunity for young qualified man. Further particulars on application. (183)

8.—**LANCASHIRE** (Seaside Resort).—Death vacancy. Old-established Dispensing and Retail Business; lock-up shop under first-class hotel; on lease; returns over last four years average £1,900 p.a.; could be considerably increased under personal supervision; specially recommended. Further particulars on application. (192)

9.—**SHEFFIELD** (Suburb).—Chemist's Business; recently established; rent 14s. weekly; rates 7s. 6d.; returns approximately £780; could be considerably increased; offers invited. Further particulars on application. (189)

10.—**SOMERSET**.—Drug and Photographic Business; premises, which consist of lock-up shop with room at rear, held on lease with 8 years to run at a rental of £88 p.a. inclusive; good scope for live man; price asked £400. (178)

11.—**SOUTHEND-ON-SEA**.—For immediate disposal, Chemist's Business, in busy centre; premises consist of lock-up shop, with Dispensing and storage room; rent £200 per annum, progressive; returns average £1,500, could be increased. Full particulars on application. (175)

12.—**STAFFS**.—Established Chemist's Business; situated on main road; unopposed in Photo and Optics; returns £24 p.w., scope for increase; lease can be arranged; rent £65 p.a.; price asked, lease and goodwill, £150, fixtures and fittings £150, and stock approx. £450. Full particulars on application. (179)

13.—**HAMPSHIRE**.—Family Dispensing and Retail Business for immediate disposal; premises held on lease 14-21 years at a rental of £90 per annum, including excellent living accommodation, garage, good garden; old-established business; shop beautifully fitted; returns £1,900; Medical Wine Licence; price to be arranged; full particulars on application. (190)

14.—**GLAMORGAN** (Seaside Resort).—Handsome lock-up shop; unopposed position in rapidly developing district; large window, on main thoroughfare; on lease at low rental; returns average £1,000 p.a.; splendid opportunity. Applications for further particulars invited. (194)

15.—**YORKS**.—Dispensing and Retail Business, on lease 7 years at £52 p.a.; rates £32 p.a.; average returns £18 per week; modern house, 8 rooms; splendid opportunity for young energetic man. Full particulars on application. (193)

16.—**LONDON, N.W.**—On lease, 8 years to run, at rental of £78 p.a. inclusive; returns £10 per week; shop situated on main thoroughfare; excellent opportunity for qualified man; good opening for N.H.I. Further particulars on application. (195)

Stocktaking and Valuation of Businesses undertaken at moderate inclusive fee. Chemists are invited to consult us in respect of their requirements in connection with sale or purchase of businesses. Chemists in the North are requested to communicate with our Liverpool Offices.

ERNEST J. GEORGE

Invites correspondence from Pharmacists in England and Wales, also Scotland, who would be willing to negotiate the sale of their business. An immediate market is available for sound propositions doing £40 weekly and over. All letters are treated with utmost privacy, and helpful advice is given regarding value. The present period would appear to be the high-water mark and Chemists who for any reason desire a change or retirement would do well to communicate confidentially as above.

3 St. Paul's Close, Walsall

Telephone 3774.

Pharmacists who have submitted particulars of their businesses are thanked for their confidence, and are assured that no information will be divulged or contact made except to approved clients. Every precaution will be taken to safeguard against irresponsible curiosity. Letters offering or enquiring for businesses should be marked "Private."

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CHEMISTS' VALUERS AND TRANSFER AGENTS,

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- 1.—WEST MIDLANDS.—Old-established, high-class Business in very best position of market town; returns over £3,000; good profits; audited books; modern pharmacy and large house; long valuable lease; price about £2,200.
- 2.—WESTERN COUNTY.—Good-class Dispensing and Retail, in residential district; returns £1,425; net profit over £400; no immediate opposition; good stock; price £1,000.
- 3.—MANCHESTER.—Light Suburban Retail, with Kodak Agency; returns last year £970; moderate rent; good house attached and spacious shop; price for early sale £425; only needs seeing.
- 4.—SHEFFIELD.—Cash Retail, with N.H.I. and Kodak Agency; returns average £900; net profit £275; good unopposed position; price for quick sale £400.
- 5.—EAST MIDLANDS.—Sound Light Cash Retail, in busy town; same hands many years, retiring; returns £1,200; plenty of scope; well stocked; price £800; recommended.
- 6.—HANTS COAST.—Good-class Business, in main road position; returns about £1,700; large double-fronted shop, well fitted and stocked; good house, at present sub-let; price £1,100.
- 7.—THAMES VALLEY.—Good-class Family Retail and Dispensing Business, in excellent position, returns £35 to £40 weekly; long lease; well stocked; price £1,700.
- 8.—SOUTH KENSINGTON.—High-class Retail and Dispensing, showing steady increase; returns approach £4,000; spacious pharmacy, handsomely fitted and fully stocked; price £3,150.
- 9.—NORTH KENSINGTON.—Old-established Light Retail, in main road position; returns average £1,450; plenty of scope; owner retiring; large shop and house; long lease; price £1,100, or near offer.
- 10.—LONDON, S.W.—Good-class Light Suburban Retail; returns over £1,500 under manager; good position; scope for increase; modern pharmacy; well stocked; price £975.
- 11.—LONDON, W.C.—Recently opened Drug Stores; main road position; returns £15 to £16 weekly; qualified man would soon double; price £330, or offer.

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We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an Advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

BIRMINGHAM (Seven Miles).—Growing country town; Retail Cash Business; returns average £30 per week, plus N.H.I. Scripts 500 per month; living accommodation; books audited; price £300; stock at valuation. 260/11, Office of this Paper.

BLACKPOOL.—Good-class Business for Sale, busy main road; double-fronted windows; excellent modern fittings; living accommodation attached; electric light throughout; returns for the last two years £2,415 and £2,513 respectively; audited accounts; rent £210 per annum; cheap for quick sale. Apply 259/34, Office of this Paper.

DEVON.—Proprietor retiring; old-established Dispensing and Family Business (same principal for over 20 years); corner premises; excellent position; good living accommodation; side entrance; growing district. Apply 258/32, Office of this Paper.

GLOUCESTERSHIRE.—The Retail Business of a Dispensing and Photographic Chemist and Druggist; good Counter trade, with Private and Insurance Dispensing; low rent and rates; easily managed; living accommodation good and in good condition; on lease; phone, gas and electricity; returns £1,600; price £850. Particulars from 260/2, Office of this Paper.

KENT.—Branch for disposal; owner unable to give proper attention; returns about £800 under management; excellent scope for increase under proprietor; middle and working-class trade; Kodak Agency; £500 for immediate sale. "Salol," 259/12, Office of this Paper.

LIVERPOOL.—For immediate sale, in good locality, City, Cash Pharmacy; lock-up; Kodak Agency; fine opportunity for chemist who is progressive and willing to supervise personally; sound stock; ideal fixtures; reason neither ill-health nor family troubles, but real genuine reason for giving up a growing concern with good profits; opening for Optical trade; fullest particulars at interview; price £1,450. Apply J. Gray, 132 Bedford Street.

LONDON, W.—£650 secures recently established, high-class Business, with big scope for development, in one of London's best suburbs; returns £20, increasing, and every prospect of doubling; rent £75; stock and fixtures worth £550. Full particulars on application. Write for interview to 258/5, Office of this Paper.

LONDON.—Exceptional opportunity to secure a large and up-to-date Pharmacy; Kodak Agency; main road; valuable stock; ideal fixtures; good profits; turnover £3,000 and steadily increasing, under management; lease 20 years; price £2,000; stock at value; principals only, and preference given to individual chemist or multiple firm. Apply, giving bank references. Write The Jackson Estates, 84a Charing Cross Road, London, W.C.2.

NEAR MANCHESTER.—Business for Sale; small living accommodation; returns average, cash £14, N.H.I. about £5; rent and rates 14s. per week; price £350. 257/3, Office of this Paper.

SOUTHERN HOME COUNTIES.—For Sale, an old-established first-class Family Business, in the best part of a busy country town, the centre of a large and rapidly developing residential district; turnover well above £4,500, returning 33 per cent. gross profit; the business has in no way been let down, but is in an extremely healthy state; satisfactory reasons for disposal; the property may also be purchased or a lease arranged. Only those with necessary capital need apply to 259/31, Office of this Paper.

YORKS.—Small Country Pharmacy, with house; unopposed; doing £1,000 at good profits, which can easily be increased by younger man; owner retiring; low overhead charges; price £600. Also in Leeds, two Drug Stores, corner shops on main road, each with house attached; low rents; turnover small, can easily be increased; prices £200 and £350, or offer. Marsden, 44 Sholebroke View, Leeds.

YORKSHIRE, WEST RIDING.—Unopposed Branch Shop for Sale in well-populated district; Kodak Agency; good sale of own Preparations; N.H.I. 400 monthly; takings, under manager, £1,250 yearly; electric light; new mahogany cases; good reasons for disposal; stock and fixtures at valuation (approximate total price £700); with or without freehold property. Apply 256/12, Office of this Paper.

CHEMIST'S Business and Property in Edinburgh for Sale. For immediate disposal by private bargain the old-established Business carried on by the late Mr. George Innes in Clerk Street, Edinburgh, together with the property consisting of Shop forming Nos. 45 and 43 Clerk Street; assessed rent £70. Apply to Cunningham & Lawson, Solicitors, 64 Frederick Street, Edinburgh.

FOR Sale, unopposed Village Pharmacy, Hants, 12 miles from Portsmouth; house and shop combined; well stocked. Apply full particulars, H. Sweeney & Son, House Agents, New Road, Portsmouth.

FOR Sale, Chemist and Dentist Business; old established; takings close on £1,000 yearly; can be increased; colliery district, South Wales; price £1,000, including stock, fittings and dental equipment; electric light throughout; rent of shop and surgery £1 weekly, free from rates. 257/8, Office of this Paper.

£195 ALL AT, value of fittings alone, Chemist's Branch, main road, Lancashire town, at present Drug Stores; good opening for young qualified man in N.H.I., Photographic and Optics; lease with house; electric light throughout; bargain for quick sale. Address, by letter, "Chemist," 625 Liverpool Road, Peel Green, Manchester.

BUSINESSES WANTED.

BERDOE & FISH are in immediate want of sound Businesses up to £4,000, and cordially invite correspondence from intending vendors. We have a large number of cash buyers waiting, and are able to negotiate sales quickly and without publicity. Transfer Offices, 41 Argyle Square, King's Cross, W.C.1.

GOOD sound Business required in Southern Counties or London Suburb; would consider market town business with Agricultural connection; no Optical, but with Kodak Agency preferred; must have living accommodation. 259/27, Office of this Paper.

WANTED, a good-class Pharmacy on coast, or healthy residential district, returning £3,000 or upwards. State net profits, number of assistants, overhead charges, type of business, etc., to 260/16, Office of this Paper.

PREMISES TO LET.

NEW BOND STREET.—Modern, small, well-lighted Shop a few yards from Bond Street, well suited for Chemist's Business, with good passing trade; close to Claridge's Hotel; rent and rates under £300; no competition. 149/275, Office of this Paper.

SHOPS with Flat over to Let on lease in excellent position at Bromley; suit Chemist. Apply Baxter, Payne & Lepper, opposite G.P.O., Bromley, Kent.

SPLENDID opening for Chemist near Croydon, now partly established, but cannot continue for family reasons; the only shop on a new estate with no possibility of future opposition; beautifully fitted double-fronted shop in Oregon oak and good living accommodation; the freehold is to be bought, upon which a mortgage will be arranged; Post Office attached to the premises; approximate outlay £400; a chance of a lifetime. Particulars, Cecil Bales & Co., Valuers, 1 St. James' Road, West Croydon.

PREMISES FOR SALE.

LUTON, Bedfordshire, L.M.S. main line, 30 miles from London; newly-erected Shop on main road, with exceptionally good living accommodation; Chemist urgently required; no opposition; centre of large population; price £1,175, freehold; £900 could remain. Apply A. Mardle, 37 Selbourne Road, Luton.

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

SITUATIONS OPEN.

RETAIL [HOME.]

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

BIRMINGHAM.—Qualified man to manage small branch in busy working-class district. Please state age, salary required, and references to "Chemist," 51 Cubley Road, Hall Green, Birmingham.

BRIGHTON.—Qualified Junior (male) for high-class Dispensing business; permanent; no photographic, no N.H.I. Give full particulars in first letter, enclose photo. 259/20, Office of this Paper.

BUCKINGHAMSHIRE.—Capable Qualified Manager required for a middle-class Family and Dispensing business, with house attached; situate in a busy town; plenty of scope for a keen man. Give full particulars, etc. 259/375, Office of this Paper.

DEVON Market Town (Near the Coast).—Holiday assistance wanted, two or four weeks, with view to permanency; smart, qualified, gentlemanly Assistant, who is keen and would take a live and progressive interest in good-class business; able to take charge and has Optical (sight testing) experience and qualifications. Full particulars in first letter. 260/25, Office of this Paper.

FELIXSTOWE.—Wanted, early in June, young qualified man to open and manage new branch shop; knowledge of Photography. Give all usual particulars and salary required to Bell, Chemist, Felixstowe, Suffolk.

LONDON, W.C.—Smart Junior; 20-25; sound, good-class experience all round; permanency; outdoors; vacant July 1. Apply, stating age, height, experience and salary required, enclose photo, Cofman's Pharmacy, 129 Baker Street, W.1.

LONDON, E.—Assistant; permanency; unregistered; good Salesmanship, Window-dressing and business pulling more essential than technical ability; no Sunday; no dispensing; fixed salary and commission on proprietaries and business increase. State age, experience, and starting salary expected. "Clayton," 258/28, Office of this Paper.

LONDON, E.—Qualified Assistant wanted immediately; need to N.H.I. Apply personally, Saturday afternoon, after 4.30, to 49 Harford Street, Mile End, E.1.

LONDON, W.—Capable and experienced Qualified Assistant (male); age about 35; permanent position. State full particulars of previous experience and salary required to Inman, c/o J. F. Harrington, 15 Kensington High Street, W.8.

LONDON, N.W.—Assistant, young, required for good-class Pharmacy; good experience Dispensing, Counter and Stock (including Toilet lines) a necessity. Write full particulars, wages and experience, to Allan Atkin, 243 West End Lane N.W.6.

LONDON, E.—Capable Qualified Manager required for a Branch which has plenty of scope for increase of turnover under a smart manager; no house. Applicants must have had experience of a quick cash and N.H.I. Dispensing business. Give full particulars of age, salary required, previous experience, etc. 259/376, Office of this Paper.

LONDON, S.E.—Qualified Manager (married) required for a branch with house attached; in industrial area; quick cash and N.H.I. business. Give full particulars. 259/373, Office of this Paper.

LONDON, S.W.—Young Qualified Assistant for holiday relief, about four months; chance of good permanency later for suitable man; must be used to brisk cash business with N.H.I. and Photographic. State age, height, experience, salary required and when at liberty. Interview will be required. 259/39, Office of this Paper.

LONDON, W.—We want a really first-class Qualified Manager to take charge of a branch business; there is no house to offer, but the position offers scope and excellent prospects to a man used to good-class trade who is a good Window-dresser and possessed of smart ideas. Please state age, salary, etc. 259/372, Office of this Paper.

LONDON, N.—Active, reliable, Qualified Assistant, male about 25 years, for live business. Please give full particulars as to age, experience, qualifications and salary required. Applications not answered in four days respectfully declined. 259/14, Office of this Paper.

MANCHESTER DISTRICT.—Qualified Assistant (outdoors), between 25 and 30, required for high-class Dispensing and Retail business; salary £4 10s. Address, stating references, age, height, and when disengaged, to T. Woodruff, Ph.C., West Didsbury, Manchester.

MIDLANDS.—Capable Unqualified Assistant required; good Dispenser and Window-dresser, with knowledge of Photography. Give full particulars of experience, age, height and salary required; permanency; photo if possible. 259/16, Office of this Paper.

NEAR LIVERPOOL.—Unqualified Assistant for good-class business, male or female, 24 or 25 years of age, with good Dispensing and Photographic experience. Send full particulars and photo (will be returned) to 260/20, Office of this Paper.

ROYAL FREE HOSPITAL, Gray's Inn Road, W.C.1.—Locum Dispenser required about June 15; salary £3 10s. per week. Apply to the Pharmacist.

SOUTHEAST-ON-SEA.—Young Unqualified Season Assistant; from June 2 to September 15; Window-dressing, Photographic and Dispensing (no Panel); age, height, experience and salary required. 97 High Street.

SUFFOLK SEASIDE RESORT.—Junior Assistant wanted till October, with knowledge of Photography. State age, height, salary (indoors or outdoors), when disengaged, names last employers. Letters not answered in three days respectfully declined. 259/26, Office of this Paper.

SUSSEX COAST.—Gentlemanly Junior wanted for end of June in good-class business; permanency; must have served good apprenticeship and had Dispensing experience; commencing salary 50s. a week; personal interview preferred. Witchell, 3 The Broadway, Worthing.

WESTGATE-ON-SEA.—Wanted, early in June, Junior Assistant for season; two kept. Apply, with full particulars, to Pyman, Chemist, Westgate-on-Sea.

WORCESTERSHIRE.—Energetic, capable, qualified Assistant wanted, end June, single, about 30, for country business; must be good Window-dresser, quick Dispenser, knowledge of Photography. Give full details as to experience, salary and references in first letter. 260/12, Office of this Paper.

A QUALIFIED lady, not over 40, required as Locum for a London Hospital, June 24 to July 6, July 29 to August 10, August 26 to September 7 inclusive. Write BM/BGTL, London, W.C.1.

ASSISTANT.—Smart, energetic Counter Salesman; state age, height, experience, with references, salary; Photographic knowledge; season June to September. Frank Purcell, Chemist, Strand Street, Douglas, Isle of Man.

ASSISTANT, unqualified, for good-class business in South-East London; comfortable permanency for right man; interview essential. "P. B. P.," 10 Powis Street, Woolwich, S.E.18.

ASSISTANT required, age 27-30; qualification not essential; must be competent, energetic, trustworthy, and well recommended; abstainer; progressive salary to good all-round man desiring permanency. Give full particulars of experience, exact age, height, etc., to Atherton, Chemist, Prescott, Lancs.

COOPER, SON & CO., LTD., require a Qualified Assistant (gentleman), with good Dispensing and Counter experience. Apply by letter, giving full particulars, age and salary required, to "A. J. B. C.," 80 Gloucester Road, South Kensington, S.W.7.

DISPENSER.—William Whiteley, Ltd., have a vacancy for a qualified man, 30 to 35 years of age. Apply, before 10.30 a.m., Staff Manager, Queen's Road, W.2.

EXPERIENCED Junior Assistant required for London, W.; must be used to a middle-class trade, and have had Dispensing and Counter experience. Please state age, salary required, etc. 259/37, Office of this Paper.

FOR SEASON.—Junior Assistant (outdoors) for Counter and Dispensing. Full particulars as to age, salary required to Kirkman, Chemist, New Milton, Hants.

IMMEDIATE, qualified, young, for about four months; seaside; reasonable hours; first-class references only; usual particulars. Apply 149/282, Office of this Paper.

JUNIOR Assistant (male) required for high-class Dispensing and Retail business; three kept; no N.H.I. Applications not answered in four days respectfully declined. State full particulars and salary required. Cocks & Dunsford, Pharmacists, Torquay.

JUNIOR Assistant, unqualified, required for high-class branch, with up-to-date knowledge of Salesmanship and Window-dressing. Reply, stating age, experience, salary required, and enclosing photograph, to Messrs. W. Bates & Co., Ltd., 50 Oxford Street, Southampton.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

JUNIOR or Improver; either sex. State age, height, experience, and salary required (outdoors); photo if possible. W. E. Tanner, Chemist, Chingford, E.4.

JUNIOR or Improver (male) wanted for good-class Dispensing business. W. Pickard, 80 North End Road, W. Opposite West Kensington Station.

JUNIOR wanted for Locum work for three months; used to Photographic. Particulars to Bannister & Thatcher, Caldmore Road, Walsall.

LADY Dispenser required by firm of medical practitioners in Brixton, S.W., for part-time work (mostly evenings); must reside near. 258/30, Office of this Paper.

LADY Assistant wanted for Toilet and Photographic counter. Send full particulars as to age, height, experience, wages required, to Braid's Pharmacy, Exmouth.

LOCUM Tenens required for 5 weeks from the 15th of July to the 19th of August inclusive; applicants (male) must be qualified Chemists. Applications, enclosing testimonials and stating previous experience (Hospital or such institution preferred), to be sent to Major Raphael Jackson, Secretary, Queen Mary's Hospital, Stratford, E.15, not later than the 7th day of June, 1929. Applications will be considered in priority of receipt.

LOCUM, qualified, for mixed country business from June 18 to July 16; abstainer. Apply, stating terms (outdoors), to G. M. Perkins, Chemist, Knighton, Radnorshire.

MANAGER wanted in Sheffield immediately for Photographic Dealers' business; must be experienced Salesman; experience in Sight Testing an advantage; permanency and good prospects to the right man. Full details of experience, salary expected, etc., to "Wilmac," 17 Change Alley, Sheffield.

MANAGER required, not over 35, for new business in pleasantly situated working-class south-east suburb; four-roomed flat available; good prospects. Full particulars in first letter to C. H. Dixon, 319 King's Road, Chelsea, S.W.

MANAGER required for a business in London, W.C.; preference given to a man in the early thirties, who is reliable and energetic; experience in good-class Counter and Dispensing business desirable. Please give all details in first letter. 259/374, Office of this Paper.

QUALIFIED Managers required for the following districts:—W.11, Family business, with large N.H.I. Dispensing, house attached; N.3, good-class Family business, no living accommodation; E. Family business, living accommodation optional. Applicants must have had previous managerial experience, able to dress windows, etc. Good prospects are offered to men who are progressive. 258/6, Office of this Paper.

QUALIFIED Chemist for Departmental Stores; experienced, reliable Manager. State full particulars in first letter. 149/279, Office of this Paper.

QUALIFIED Man for Branch; middle and working-class trade; one experienced in such preferred; good Counterman. Please state full particulars. Lester, Chemist, Canterbury.

QUALIFIED Chemist Assistant, lady or gentleman; usual business hours. Apply in person. J. H. Smith, 61 Stroud Green Road, London, N.4.

QUALIFIED Manager required, experienced in middle-class Family business, for North London; must be keen and ambitious and be a good Window-dresser; applicants must be married, as there is a house attached to the business; good opportunity here for a man who is anxious to get on. 259/371, Office of this Paper.

REQUIRED immediately, Junior Assistant, for D. & P. service. Penson, 31 High Street, Clapham, S.W.

SMART Junior required for four months; start June 3; salary 50s. Lowther, Chemist, Mumbles.

SMART Assistant, used to good-class Retail Dispensing and Photographic business. State salary and enclose photo to Wilson Hill, 2 St. Mildred's Road, Westgate-on-Sea, Thanet.

TAYLORS (CASH CHEMISTS), LONDON, LIMITED, require a smart young qualified man to carry out relief duties; this a unique opportunity for gaining experience, and a suitable permanency will be found for a good man during the season. Applicant's not answered within four days respectfully declined. Give full particulars of age, previous experience, salary required, etc., to AMG/MBA, Taylors (Cash Chemists), London, Limited, Hazelwell Lane, Stinchley, Birmingham.

UNQUALIFIED Assistant required; reliable Dispenser. Apply, giving particulars of age, height, experience, salary required, and when disengaged, to C. W. J. Watkins, M.P.S., 3 Mortlake Terrace, Kew, Surrey.

VACANCY for recently qualified; young; must be clean at work, gentlemanly and reliable; those requiring temporary position need not apply. Call, or write, enclosing photo and all particulars, age, height, salary expected, etc., Hale, Chemist, Luton.

VACANCY occurs for an experienced Manager in West London; large amount of N.H.I. Dispensing, with quick Counter trade; only men experienced in such a business need apply; house attached to the business; applicants preferred who are not afraid of work; all details, please. 259/370, Office of this Paper.

WANTED, for middle of June, unqualified Assistant, good appearance, suitable for high-class business. Apply by letter only; permanency. Harold Barton, 163 Lord Street, Southport.

WANTED, a Qualified Assistant, accustomed to good-class Retail and Dispensing and with a knowledge of Photo trade, for season. Usual particulars to Gregory, Aldeburgh, Suffolk.

WHOLESALE.

LONDON Wholesalers require capable young Manufacturing Assistant; must be experienced in the making of all Toilet and Medicinal preparations. State salary required, age and full particulars of experience to 149/281, Office of this Paper.

CLERK.—Wanted, by London Wholesale House, Clerk accustomed to dealing with correspondence. State experience, age and salary required to 149/280, Office of this Paper.

EDINBURGH AND DISTRICT.—A Wholesale Drug House require a Resident Representative. State age and experience. 149/274, Office of this Paper.

JUNIOR Clerk (lady) required by City Wholesale Chemists for stock books, invoices, etc., and small telephone switch-board. Apply, by letter, giving full particulars of experience, age, and salary required, to 149/278, Office of this Paper.

REPRESENTATIVE, with sound connection in the South and South-West, required by progressive firm of Wholesale Manufacturing Chemists and Druggists. Apply, with full particulars and remuneration required, 256/21, Office of this Paper.

REPRESENTATIVE, with car, already carrying other lines, for high-class Perfumes and Toilet Accessories; commission basis. Reply 149/277, Office of this Paper.

SALES Manager required for a high-grade Toilet Preparation of world-wide repute and already firmly established in this market; he must be a man of wide national experience in the toilet goods trade, a successful man, and of high personal character; the position is a responsible one with great opportunities; the salary paid will be fully commensurate. 149/276, Office of this Paper.

SURGICAL RUBBER GOODS.—A large rubber manufacturing company requires the services of a gentleman thoroughly experienced in the Sales and Manufacture of Surgical Rubber Goods; a good opening for the right man. Apply 148/269, Office of this Paper.

WE wish to get in touch with capable Salesmen in every part of England to take up representation on a commission basis of new products selling through Chemists and Stores. This is a unique offer, an extraordinary opportunity to link up with a live organisation capable of offering you steadily increasing number of good selling lines. If you are fortunate enough to be selected for an area and prove your ability by results, there should be no limit to your earning capacity as a permanent representative of this organisation. Send particulars of your previous selling experience, the products you handle at present, territory you wish to cover to 260/26, Office of this Paper.

15 PER CENT. commission on all orders and repeats.—Wanted, Representatives with strong connections with Chemists, Hairdressers, etc., London and provinces, to carry additional line; small samples. Apply, in confidence, stating ground covered, connection and firms at present represented, P.C.E. 33/20, Office of this Paper.

(COLONIAL, INDIAN AND FOREIGN.)

INDIA.—British firm Wholesale and Retail Chemists in Calcutta require Scotch Assistant, about 25, single; must have Minor qualification, and be a neat Dispenser; Photographic knowledge an advantage; 4 years' agreement; salary, first year, rupees 500 monthly (equivalent to £37 15s.); second, Rs. 525 (£39 12s. 6d.); third, Rs. 550 (£41 10s.); fourth, Rs. 575 (£43 7s. 6d.); passage paid out and home. Apply, giving particulars of experience, to P.C.B. 31/34, Office of this Paper.

SITUATIONS WANTED.

RETAIL. [HOME.]

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

A CAPABLE Unqualified Assistant, age 24; eight years' general experience; good Dispenser, Salesman, Window-dresser; disengaged. 28 Willoughby Road, Acton Vale, W.3.

A CAPABLE and up-to-date Manager, qualified, 29, 12 years' experience, seeks good berth. Davies, 76 Warwick Avenue, W.9.

AS an experienced man; middle-aged; Manager, Senior or Locum; drug Stores preferred; used to general quick trade, good and heavy panel, Counter, Prescriber. "G.", 130 Scott-Ellis Gardens, N.W.8.

ASSISTANT, age 20½, of good appearance, seeks situation; excellent Counter, Dispensing and Photographic experience; good Window-dresser; excellent references. 257/31, Office of this Paper.

ASSISTANT (lady), unqualified, good appearance, 10 years' all-round experience, capable, seeks situation. 96 Bishops Park Road, Norbury, S.W.

ASSISTANT, unqualified, 22, tall, desires situation; Dispensing, Counter, Photography; West-End experience. "R.", 5 Grand Parade, Wembley Park, N.W.

ASSISTANT; unqualified; experienced; Counter, Photographic, Dispensing; Locum or permanent; manage Drug Stores; London, Metropolis, only. Write 258/33, Office of this Paper.

CHEMIST wishes to obtain position for daughter, in London, as Junior, to gain experience; outdoors; qualified; aged 22. Apply Hooper, Chemist, St. Blazey, Cornwall.

CHEMIST, 24, desires position as Locum or Manager; excellent references; West-End experience. 126 Goldhurst Terrace, N.W.6.

DISENGAGED; 25; unqualified; keen Salesman, Dispensing and Photography; 8 years' all-round experience. 19 Tuscan Street, Seaford, Liverpool.

DISENGAGED; qualified; Locum or permanency; 20 years' London and provincial experience; tall; good appearance; 40; no encumbrance. Austin, 10 Baker Street, Brighton.

DISENGAGED.—Competent, all-round Assistant; active; obliging; middle-aged; unqualified; successful manager; Locum or permanency. "Chemist," 91 Duncombe Road, Holloway, N.19.

DISENGAGED.—Assistant or Locum; West-End experience. Arthur, 62 Caldecot Road, Denmark Hill, London, S.E.5.

ELDERLY M.P.S. requires occupation at once. Filmer, Court Pharmacy, Epsom.

ELDERLY Qualified desires employment, with short hours, or part time. Baker, 81 Elgar Road, Reading.

FRANK N. MERCER, Ph.C. (late of Llandudno), is open to accept Locum engagements. 21 Burnham Road, Mossley Hill, Liverpool.

I AM at your service; all round; reliable; unqualified. "Chemist," 7 Regent Place, Westminster, S.W.1.

IMMEDIATE; as Locum from now to June 5; qualified; fully experienced and competent. "Chemist," 415 High Road, Leytonstone, E.11.

LADY Dispenser (Hall), aged 20, desires post with Doctor, Chemist or Institution; good reference. Miss Molyneux, 54 Higher Drive, Purley, Surrey.

LADY Dispenser-Book-keeper (Apothecaries' Hall Diploma) desires post with Doctors, Hospital or Chemist in London or suburbs; doctor's widow; experienced; excellent testimonials; free now. 252/37, Office of this Paper.

LADY Dispenser (Hall) seeks post with Doctor or Institution; Hospital experience; Locum or permanent. "Hall," "Westholme," Glenville Avenue, Glenfield, near Leicester.

LADY Assistant; 28; ten years' (London) good-class experience; Drugs, Toilet, Photography; disengaged. M. Harris, 55 Miranda Road, Highgate, N.19.

LADY Dispenser, qualified (Hall), but no experience, requires part- or whole-time post; no salary required. 260/21, Office of this Paper.

LOCUM (Hall); Dispenser-Secretary; experienced; excellent references; town or country. Miss Cole, 79 Welldon Crescent, Harrow, Middlesex.

LOCUM; M.P.S., F.S.M.C.; 30 years' all-round experience; highest references. "Midlands," 35 Livingstone Road, Birchfields, Birmingham. Phone: Northern 4101

LOCUM booking dates; abstainer; middle-aged; excellent references; given up own business; moderate terms. Carte, 56a Town Street, Rodley, Leeds.

LOCUM; qualified; experienced; disengaged till June 17, July first fortnight, other dates onwards. "Pharmacist," 67 Western Road, Ealing, W.5.

LOCUM; thoroughly reliable; free until June 3 and after June 8; distance immaterial. "F.," c/o Priest, 180 Weston Park, N.8.

LOCUM; qualified; retired Chemist; excellent references. "Chemist," Flat 2, 6 Colville Mansions, Powis Terrace, Bayswater, W.

LOCUM—Chemist, 48, well recommended by private and wholesale firms, open for engagements. "Wyncliffe," Kingsgate, Broadstairs.

LOCUM; experienced; highest references; free June 15 to 29, July 15 to 28. "Chemist," 56 Rudloe Road, Balham, S.W.12.

LOCUM; unqualified; vacant May 25 onward; all-round experience; Optics, Sight-Testing. Spencer, 62 Fosse Road, South Leicester.

LOCUM or relief; unqualified; middle-aged; all-round experience; can take sole charge; booking for season. B.M./D.C.H.3, London, W.C.1.

LOCUM (or permanent); unqualified; age 35; single; smart appearance; excellent all-round experience of Pharmacy routine; also practical Optics and Sight-Testing; vacant Saturday next. "Ocular," 259/9, Office of this Paper.

LOCUM (lady) booking dates; June and July vacant; experienced; Institution or Private Practice; excellent testimonials; Hall. 259/40, Office of this Paper.

MANAGER; pre-war qualification; Locum until suited at once; Window-dresser, Photo, Counter, Dispensing; excellent references; Sussex, Surrey, London. "Statim," 125 Benberley Road, S.W.11.

N.B.—MANAGER, with modern ideas and of proved all-round ability, desires first-class position, Midlands or South; age 30; married. 258/2, Office of this Paper.

PHARMACIST, 25, disengaged, desires permanency or Locum in Midlands (Birmingham or Leicester districts preferred); 2 years' Midlands experience. Sherwood, c/o 36 Linwood Road, Handsworth, Birmingham.

QUALIFIED, wide experience, requires managerial position; Locum or permanent; disengaged June 1; London preferred. "N.," 8 Carlyle Mansions, The Mall, Kensington, W.

QUALIFIED Locum; free August 4 to September 7; young; energetic; D. & P. and knowledge of Optics; excellent references. Gregory, 148 Wallgate, Wigan.

QUALIFIED, 50, married, desires permanency; good-class Counter and Dispensing experience; Photography, Prescriber. C. E. Young, 4 Regent Place, Leamington Spa.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith, and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

QUALIFIED, 26, married, excellent experience, undeniable references, good Salesman, Dispenser and Window-dresser, desires situation as Manager or Assistant; London or near; at liberty when suited; now managing. "Chemist," 32 Kingsley Avenue, Hounslow, Middlesex.

QUALIFIED Locum, disengaged, except June 2 to 15 and July 1 to 14 and August; over 20 years' experience, mostly West-End; competent; reliable. "Pharmacist," 81 Camden Road, N.W.1.

QUALIFIED.—Capable, energetic Manager, 28, married, good experience in London and provinces, desires post with scope; house preferred, but not essential. 260/18, Office of this Paper.

SMART Junior (Part I); 22; capable Dispenser and Counter-man; 5 years' experience; excellent references. "S. A.," 9 Sidney Square, E.1.

TWO or three weeks' work required now, London, Dispensing, Counter, Stock; lady; Hall Certificate; willing; experienced. 258/29, Office of this Paper.

UNQUALIFIED; lifelong experience high-class Dispensing; N.H.I.; good Prescriber; used to taking charge; Photography; first-class Salesman, Window-dresser, etc.; well recommended; four berths in 20 years; anywhere. "Permanent," 259/1, Office of this Paper.

WHOLESALE.

A CAPABLE Representative, young, energetic, live connection South Coast, London, Midlands, Proprietaries, high-class Perfumery, Sundries, propaganda work, requires position progressive house. 258/36, Office of this Paper.

A COMPETENT Tablet Maker, 21, can devise his own formulae and can work without supervision, experienced in coated work, pills, and in the manufacture of medicinal and toilet preparations; accustomed to 16 different machines, also hand and machine granulating; four first-class references. Write "F. M.," 50 Woodside Gardens, Tottenham, N.17.

A REPRESENTATIVE, shortly disengaged, with good connection London and provinces, thorough knowledge Drugs, Sundries, Packed Goods, desires similar position with reliable firm; highest references. "Traveller," 37 Shepherd's Bush Road, Hammersmith.

A REPRESENTATIVE, first-class connections amongst Chemists, Stores, etc., Southern and South-Eastern Counties by car, would like good lines. 260/24, Office of this Paper.

EXPERIENCED Representative, medical propaganda and salesmanship, up-to-date Therapeutic knowledge, with gift of applying it successfully; now disengaged; leading houses only; salary, expenses. P.C.B. 31/13, Office of this Paper.

FOREWOMAN; disengaged; used to controlling large staff; good experience labelling, wrapping, etc.; good knowledge of Southall & Smith filling machines; excellent references. "M. B.," 47 Lowden Road, Herne Hill, S.E.24.

REPRESENTATIVE (shortly disengaged), valuable 3,000 Chemists' and Doctors' connection in South-Eastern and Western Counties, to good house; permanent engagement desired; Proprietary lines preferred; salesmanship and propaganda on neglected ground a speciality; good appearance and address; own car; salary and expenses basis; locate anywhere. S. W. Roseason, 4 Ashbourne Grove, Hale Lane, Mill Hill, N.W.7.

YOUNG man, 6 years' experience in Wholesale, including 4 years' indentured apprenticeship, desires position with Manufacturing Chemists; Chemical Laboratory or Analytical work preferred. 258/21, Office of this Paper.

500 NEW accounts in one year on neglected ground. Representation desired for good house; salesmanship and propaganda work a speciality; considerable experience; good address; Chemists' connection, London, Surrey, Kent, Sussex and Western Counties; salary and expenses basis; own car. "Recto," 258/25, Office of this Paper.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.

Why keep them any longer? Turn them into CASH.

I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

S. E. HACKETT, 23 July Road, Liverpool

COLONIAL, INDIAN AND FOREIGN.

ASSISTANT, many years' Continental experience, linguist, desires position; season or otherwise; anywhere; highest references; middle-aged. 259/18, Office of this Paper.

FOR SALE.

CHEMIST'S Laboratory, two Gas Muffle Retorts, good condition, Glass Condensers, Beakers, Tubes, to be sold; bargain; owner leaving England. Box 2653, Scripps's, South Molton Street, W.1.

MISCELLANEOUS.

10s. for 60 words; 1s. for every additional 10 words or less, or less, prepaid.

CHEMISTS' FITTINGS.—Silent Salesman Cases, Drugfittings, Wallcases, Dispensing Screens, glass-front Counters, Perfume Cases, Window Enclosures, Glass Shelves, Mirrors, Counter Drawers. Before you decide send to **GEORGE COOK**, the well-known Chemists' Fitter, 27 Macclesfield Street, City Road, London, E.C.1.

QUALITY SHOP FITTINGS.—12 ft. Pharmacy Fitting, 10 ft. glass cased Front Counter, 6 ft. Dispensing Screen, 6 ft. Wall Case, 6 ft. bent plate-glass Counter Case, Counter Drawers, Perfume Case and Desk, all mahogany, £100; splendid value. **PHILIP JOSEPHS & SONS, LTD.**, 90/92 St. John Street, Clerkenwell, London, E.C.1. "Pharmacy Fitters for over a Century."

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, **RUDDUCK & CO.**, 219 Old Street, London, E.C.1.

£87 15s.—SET OF MAHOGANY FITTINGS.—10 ft. Drug Run, 30 drawers (glass knobs and labels), shelves, cupboards and lockers; 10 ft. glass-fronted Counter, nest of 13 drawers at back; 6 ft. Wallcase, 6 ft. Dispensing Screen, Perfume Case and Desk. Illustrations on request. **E. BERG, LTD.**, 335 Old Street, London, E.C.1.

£70 WILL purchase the Fittings of a first-class Pharmacy, comprising Drug Fixture with mahogany drawers, Dispensing Screen and Counter, 8 ft. glass-fronted Counter, Silent Salesman, Case for counter. 8 dozen Shop Roundns, 96s.; slide pillar Dispensing Scales, 50s.; 6 ft. bent front Counter Case. **R. TOMLINSON & SONS**, Bond Street, Constitution Hill, Birmingham.

£95 FOR A COMPLETE SET of Pharmacy Fittings, ready for immediate use, 10 ft. mahogany Drug Fitting with showcase, drawers, cupboards, shelving, etc.; 6 ft. Wall Case in two heights; 6 ft. Dispensing Screen with showcases and bevelled mirror in centre; 10 ft. mahogany Serving Counter with cases in front; two nests of Counter Drawers; plate-glass Counter Case, Perfume Showcase and Desk, Check Till. **PERCY R. E. JOSEPHS**, 68 Old Street, 1/5 Tilney Court, London, E.C.1. Phone: Clerkenwell 0929.

EXCHANGE COLUMN.

FOR DISPOSAL.

FOR SALE, 42 Vols. "Year Book of Pharmacy," 1870 onwards; green cloth and gold; good condition. 149/283, Offices of this Paper.

WANTED.

GOWER, Chemists' Bookseller, 41 Voltaire Road, Clapham, wants Pharmaceutical Books, including Pharmaceutical Formulas, B.P.C., P.J.F., Optical Books.

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This is a concise guide to chemists commencing and carrying on a photographic department. The book is a reprint of the treatise in *THE CHEMIST AND DRUGGIST DIARY*, 1926, with additional chapters and formulas. Price 3s. 6d., by post 3s. 8d.

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1/9



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